



Homecare



Emergency Medical Service



Hospital



Your competent partner in Homecare, Emergency Medical Service and Hospital!



HUM Systems
for Life®

Gesellschaft für Homecare und Medizintechnik mbH

- Absaugung
- Beatmung
- Inhalation
- Monitoring
- Notf. Medizin

Zum Pier

79

Dear Ladies and Gentlemen,

in December 1995 a clear vision was created out of a simple idea! This was the moment of the foundation of **HUM - Gesellschaft für Homecare und Medizintechnik mbH**. We are very pleased to present you our new product catalogue 2017.

Our company philosophy was from the beginning till today very simple - to offer high quality products at competitive and marketable pricing. And this with our main company target - "Customer Satisfaction". We overcome constantly changing market conditions and increasing customer demands in terms of products and services with fulfillment of highest quality standards, all in the sense of our Quality Management System EN ISO 13485:2012.

With our extended product range and our own AERO-brand items, we meanwhile became one of the main players and leading providers in the segments Homecare, Emergency Medicine and Hospital Products, in national as well as international market environments.

Following our slogan "**Systems for Life**", we steadily develop our portfolio with innovative products and solutions whereas in the end the most profiting part of the chain is the patient. We are very well aware of our great responsibility!

You have a special customer request but no solution? We remain at your full disposal, you are welcome to contact us. Test us, we are glad to receive your challenges!

We now wish you a successful browsing through our new catalogue where you will find, amongst the already familiar classic items, many news and innovations.

Last but not least we look forward to a further mutual success with you, our friends, partners and customers!

With kind regards,



Dietmar Uhlenbruch
General Manager

Your customer ID

.....

The following symbols, which you also find in the inner part next to the product headings, give you a quick overview of the assignment of our products to the areas Homecare, Emergency Medical Service and Hospital.



Homecare














Emergency Medical Service



Hospital

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AEROuse

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Tactical Version available

-  Homecare
-  Emergency Medical Service
-  Hospital

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AEROresc®

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Tactical Version available

-  Emergency Medical Service
-  Hospital

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AEROSuc®

Suction - Electric | Pneumatic | Manual



-  Homecare
-  Emergency Medical Service
-  Hospital

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-  Homecare
-  Emergency Medical Service
-  Hospital

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AEROWay®

Compressor-Nebulizer | Pressure Reducer | Flow Regulator | Flowmeter



-  Homecare
-  Emergency Medical Service
-  Hospital

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AEROpArt®

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-  Homecare
-  Emergency Medical Service
-  Hospital

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-  Homecare
-  Emergency Medical Service
-  Hospital

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-  Homecare
-  Emergency Medical Service
-  Hospital

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AERObtube®

Ventilation Management | Airway Management



 Tactical Version available

-  Homecare
-  Emergency Medical Service
-  Hospital

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AEROCASE®

Emergency Bags and Backpacks

The product family of the AEROCASE emergency bags and backpacks has grown steadily since its launch in 2009 and can now proudly present 3 family members who have a very extensive portfolio for every type of medical emergency call. With the introduction of our new AEROCASE® PRO EMS+ products, we attach great importance to optimal handling and high-quality processing. The specially developed and manufactured AEROTEX®-Plan and AEROTEX®-Dura material give our products the necessary durability and longevity - and all this in reliable "Made in EU!"

AEROCASE® - Pro EMS+ EMS+plus

Handmade emergency bags and backpacks designed for the toughest conditions in the rescue area. Thanks to the innovative EASY Clean hygiene concept, hygienic cleaning is easy and service readiness is fast.

AEROCASE® - Pro EMS EMS Emergency Medical Service

Whether it is intubation, oxygen or medication delivery, whatever the kind of emergency: AEROCASE® - Pro EMS Emergency bags and backpacks provide perfect and flexible solutions to meet the very diverse requirements of a comprehensive emergency care.

AEROCASE® - Pro 1R 1R First Responder

AEROCASE® - Pro 1R emergency bags and backpacks provide a safe transport of equipment and are reliable partners when it comes to first aid. A compact and lightweight design allow an easy and comfortable transport which makes them the ideal companion for locations with long distances or restricted space areas.



The Material

The quality in detail

Tarpaulin material: AEROTex® - Plan^{PRO}: Desinfectable, tear and abrasion resistant and environmentally friendly recyclable.

“Durability even under the toughest operating conditions.”

- 1 Our luminous red tarpaulin AEROTex® - Plan^{PRO} was specially created in RAL 3024. This complies to the fluorescent red of the standard DIN EN 1789 Appendix A
- 2 Reinforced edge protection and abrasion protection by the usage of Hypalon where wear and tear of edges and surfaces is highest
- 3 Solid, slip-resistant carrying handle, additionally riveted
- 4 Metal eyelet to attach a CO-meter
- 5 Extra strong metal eyelets for shoulder and back carrying straps
- 6 Padded back area
- 7 Anytime individually renewable back carrying straps
- 8 Zipper puller in loop shape for easier handling when wearing gloves
- 9 Snap In Magnetic System (SIMS)* for a secure fit
- 10 Transparent windows for inserting labels
- 11 Quality with recognition factor



AEROCASE®



*Only for models GTA I and GTA II

Magnetic Modular System



What exactly does this mean?

Ferromagnetic plates are incorporated in a specific grid and give the color coded modular inner bags, which incorporate magnets, ensure in that manner a secure hold.

Thanks to the modular system, the interior of the bag/backpack can be produced without loops and velcro tapes, absolutely resistant against dirt. So, the risk of germs is significantly reduced.

How is the grid structured?

All AEROCASE® - PROpack backpacks are equipped with a 4 x 7 grid (28 magnetic fields) and all AEROCASE® - PRObag bags are equipped with a 4 x 4 grid (16 magnetic fields).

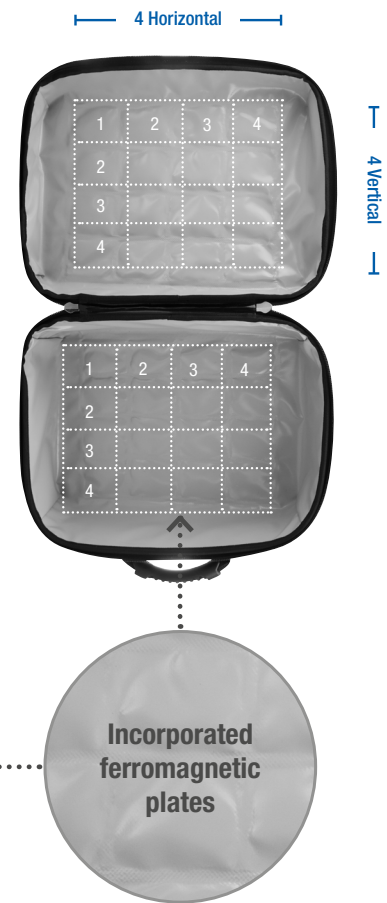
Depending on the rectangular grids the modular inner bags are placed horizontally or vertically in the interior.

For the individual configuration of the interior you can choose from a wide range of available horizontal and vertical modular bags.

AEROCASE® - PROpack



AEROCASE® - PRObag



Incorporated and movable ferromagnetic plates in the grid prevent a punctual abrasion of the material

The elementary concept

Construction of the backpacks with lower shell and upper shells / lids

Depending on model type, our emergency bags and – backpacks are designed either

- With a bottom shell with inbuilt magnetic grid fields and a blank top shell (Version: PROpack GTS ①)
- Or with a bottom- and top shell with inbuilt magnetic grid fields (Versions: PROpack GT ② | GTA I ③ | GTA II ④ | as well as all PRObag ⑤-⑧)

At the same time the bottom shell of each model is the same and only the top shells indicate the different versions / applications

- Top shell PROpack GT: Suitable for 9 cm high modular inner bags
- Top shell PROpack GTA I: Suitable for a 4 x 4 big ampoule case in outside "fast-access-insertion-pocket" Additional outside pocket below suitable for e.g. 4 x 3 big modular case
- Top shell PROpack GTA II: Suitable for a 4 x 7 big ampoule case above the whole front part outside "fast-access-insertion-pocket"

Inner dimension with different heights
Lower shell 13 cm | Upper shell 9 cm

AEROCASE® - PROpack



AEROCASE® - PRObag



AEROCASE® - PROpack

Customizable Basic Models

Emergency backpack with one or two shells and integrated magnetic technology.

"small Version" of GT-Model



Magnetic Technology in lower shell



1 GTS



AEROCASE®



Magnetic Technology in upper- and lower shell




2 GT



3 GTA I



4 GTA II

Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	 Luminous red (RAL 3024))	approx. 44 x 56 x 17 cm	approx. 3.1 kg	1 HT13-PGTS-70
		approx. 44 x 56 x 28 cm	approx. 3.7 kg	2 HT13-PGT-70
		approx. 44 x 56 x 28 cm	approx. 3.6 kg	3 HT13-PGTA1-70
		approx. 44 x 56 x 28 cm	approx. 3.3 kg	4 HT13-PGTA2-70

AEROCASE® - PRObag

Emergency bag with two shells and integrated magnetic technology.



5 Yellow







6 Orange



7 Red



8 Blue

Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	 Yellow	approx. 43 x 31 x 19 cm	approx. 1.7 kg	5 HT13-BM1-80
	 Orange			6 HT13-BM1-S10
	 Red			7 HT13-BM1-60
	 Blue			8 HT13-BM1-10

AEROCASE® - PROpack GT

Preconfigured Models





Emergency backpack with two shells and integrated magnetic technology.

- The upper shell additionally has ferromagnetic plates in the head and foot side
- The lower shell is equipped with the modules Ventilation, Intubation, Diagnostic and Access
- The upper shell includes an ampoule case for storage of 54 ampoules (upgradeable to 72 ampoules)

Modular Bags

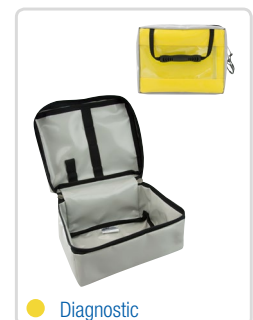
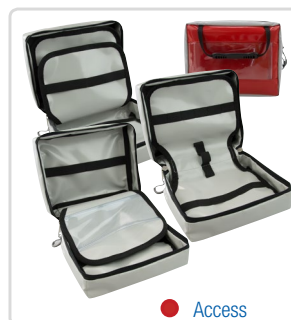
Color-coded according to the different functional groups.


13 cm Lower shell

- Ventilation  (2 x 4)
- Intubation  (2 x 4)
- Diagnostic  (2 x 3)
- Access  (2 x 3)

9 cm Upper shell

- Bandage  (4 x 3)
- Ampoule case 54 slots  (4 x 4)
(upgradeable to 72 slots)



Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	 Luminous red (RAL 3024)	approx. 44 x 56 x 28 cm	approx. 6.2 kg incl. Modular Bags	HT13-PGT-70-C001

AEROCASE® - PROpack GTS O₂

Preconfigured Models

Emergency backpack in slim design with 2 modular inner bags Ventilation and Intubation and a separate inner bag for an O₂-Unit with accessories.

Removable mobile O₂-Unit with magnetic technology

- Extra storage space for accessories
- EASY-Access-Window with magnetic closing flap for quick access
- Additional holding option
- Handles to use the bag independently
- Magnetic fastening straps for stretchers and beds

Modular Bags

Color-coded according to the different functional groups.

13 cm Lower shell

- O₂-Unit (0.8 | 1 | 2 Liter) **↑V** (2 x 7)
- Ventilation **↑V** (2 x 4)
- Intubation **↑V** (2 x 3)



SIMS - Snap In Magnetic System

Fastening straps with magnetic fastenings




Interior with cylinder holder and additional fixation loops



Easy-Access-Window

- Regulation of O₂-Flow
- Control of cylinder content

The window is closed magnetically

Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	 Luminous red (RAL 3024)	approx. 44 x 54 x 17 cm	approx. 4.7 kg incl. Modular Bags	HT13-PGTS-70-C002

Filling only for illustration purposes. Not included in the delivery!

AEROCASE® - PROpack GTA I

Preconfigured Models

The emergency backpack is based on the model GT with 4 modular inner bags in the lower shell. The other two modular inner bags have been moved to the outside of the backpack.

- The ampoule case is stored in a fast-access-insertion-pocket with integrated magnetic technology and is additionally secured with snap in magnets in the upper part.
- 1 modular inner bag is located in the lower part of the backpack

Modular Bags

Color-coded according to the different functional groups.

13 cm Lower shell

- Ventilation ↕V (2 x 4)
- Intubation ↕V (2 x 4)
- Diagnostic ↕V (2 x 3)
- Access ↕V (2 x 3)

9 cm Fast-access-insertion-pocket

- Ampoule case 54 slots ↔H (4 x 4)
(upgradeable to 72 slots)

9 cm Outside front bottom pocket

- Bandage ↔H (4 x 3)



3 integrated ampoule strips inside

SIMS - Snap In Magnetic System



Due to the durable materials being used the external ampoule case is even more robust.

Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	■ Luminous red (RAL 3024)	approx. 44 x 53 x 28 cm	approx. 7.0 kg incl. Modular Bags	HT13-PGTA1-70-C003

AEROCASE® - PROpack GTA II

Preconfigured Models

Emergency backpack with a large outside stored ampoule case.









- The lower shell is based on the model GT and is equipped with 4 modular inner bags.
- Large ampoule case is stored in the fast-access-insertion-pocket with integrated magnetic technology and additionally secured with snap in magnets.

The emergency backpacks GTA II and GTS O₂ function as the so called "Two-case-system" (Respiration | Circulation).

Modular Bags

Color-coded according to the different functional groups.

Lower shell

-  Ventilation / Intubation  (2 x 4)
-  Bandage  (2 x 4)
-  Diagnostic  (2 x 3)
-  Access  (2 x 3)

Fast-access-insertion-pocket

-  Ampoule case 108 Slots  (4 x 7)



5 integrated ampoule strips inside




SIMS - Snap In Magnetic System

- Keeps the ampoule case safely in its pocket: Just put the upper closure part straight onto the lower closure part and let it lock.
- Easy to remove in emergency situations: Just pull the ampoule case upwards to remove it.



Due to the durable materials being used the external ampoule case is even more robust.

Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	 Luminous red (RAL 3024)	approx. 44 x 53 x 26 cm	approx. 6.9 kg incl. Modular Inner Bags	HT13-PGTA2-70-C004

AEROCASE® - PRObag Baby

Preconfigured Models

Baby emergency equipment

Emergency bag for medical equipment according to DIN 13232, part C Children. Pre-configured with 3 different modular inner bags and an ampoule case.

Modular Bags

Color-coded according to the different functional groups.

13 cm Lower shell

- Ventilation ↓V (2 x 4)
- Intubation ↓V (2 x 4)

9 cm Upper shell

- Diagnostic ↓V (2 x 4)
- Ampoule case ↓V (2 x 4)
58 Slots



Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	Yellow	approx. 43 x 31 x 19 cm	approx. 3.8 kg incl. Modular Inner Bags	HT13-BM1-80-BY1

AEROCASE® - PRObag Burn

Burn

Emergency bag for use during burn incidents.

Equipment parts such as sterile saline solutions for flushing, cooling compresses, bandage scissors, as well as sterile and unsterile bandaging materials can be stored in the modular inner bags.

Modular Bags

Color-coded according to the different functional groups.

13 cm Lower shell

- Universal ↓V (2 x 4)
- Universal ↓V (2 x 4)

9 cm Upper shell

- Bandage ↓V (2 x 4)
- Diagnostic ↓V (2 x 4)



Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	Orange	approx. 43 x 31 x 19 cm	approx. 3.8 kg incl. Modular Bags	HT13-BM1-S10-BN1

Intoxication

Emergency bag for use during intoxication incidents. All necessary instruments and disposable materials for large accesses, as well as infusions and sufficient specific medications accommodated as “antitoxin” can be stored inside the bag.

Modular Bags

Color-coded according to the different functional groups.


13 cm Lower shell

- Universal ↕V (2 x 4)
- Universal ↕V (2 x 4)

9 cm Upper shell

- Ampoule case H (4 x 4)
54 Slots
(upgradeable to 72 slots)



Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	 Red	approx. 43 x 31 x 19 cm	approx. 3.8 kg incl. Modular Bags	HT13-BM1-60-IX1

AEROCASE® - PRObag Surgery 

Surgical kits

Emergency bag for storage of surgical instruments. In the four modular inner bags is space for instruments such as Surgical emergencies kits | Venae cesarean section cutlery | Cutlery for koniotomy, cricotomy, episiotomy, thoracic drainage, emergency amputation and omphalotomy as well as needles, syringes, scalpels, sutures, dressings and drapes.

Modular Bags

Color-coded according to the different functional groups.

13 cm Lower shell

- Universal ↕V (2 x 4)
- Universal ↕V (2 x 4)

9 cm Upper shell

- Bandage ↕V (2 x 4)
- Diagnostic ↕V (2 x 4)



Material	Color	Dimensions (W x H x D)	Weight	Item No.
Plane	 Blue	approx. 43 x 31 x 19 cm	approx. 3.8 kg incl. Modular Bags	HT13-BM1-10-SY1

AEROCASE® - Modular Bags

According to intended use / Application field

Modular bags made of AEROTEX® plane material with incorporated magnetic technology, for safe storage of the equipment.



- Color-coded according to the different functional groups
- With internal fixation loops and additional storage pockets

AEROCASE®

Ventilation 2 x 3 | 2 x 4 (vertical)

Filling Example




Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
Blue	 2 x 3	Vertical	approx. 22 x 13 x 18 cm	HT13-C2x3B21-15	Lower shell PROpack and PRObag
	 2 x 4	Vertical	approx. 28 x 13 x 18 cm	HT13-C2x4B21-15	Lower shell PROpack and PRObag

Filling only for illustration purposes. Not included in the delivery!

Intubation 2 x 4 (vertical)

Filling Example






Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
Blue	 2 x 4	Vertical	approx. 28 x 13 x 18 cm	HT13-C2x4I21-15	Lower shell PROpack and PRObag

Filling only for illustration purposes. Not included in the delivery!

O₂-Unit (0.8 L | 1 L | 2 L) 2 x 7 (vertical)

Filling Example



Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
 Blue	 2 x 7	 Vertical	approx. 46 x 13 x 20 cm	HT13-C2x7021-15	Lower shell PROpack

Filling only for illustration purposes. Not included in the delivery!

Bandage 2 x 4 (vertical) | 4 x 3 (horizontal)

Filling Example



1



9 cm



2



13 cm










3



9 cm






Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
 Green	 2 x 4	 Vertical	approx. 28 x 9 x 18 cm	HT13-C2x4V11-45	Upper shell PROpack and PRObag
	 2 x 4	 Vertical	approx. 28 x 13 x 18 cm	HT13-C2x4V21-45	Lower shell PROpack and PRObag
	 4 x 3	 Horizontal	approx. 36 x 9 x 18 cm	HT13-C4x3V11-45	Upper shell PROpack and PRObag, Outer Front of the PROpack GTA1

Filling only for illustration purposes. Not included in the delivery!

Diagnostic 2 x 3 | 2 x 4 (vertical)

Filling Example





Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
 Yellow	 2 x 3	↑ Vertical	approx. 22 x 13 x 18 cm	HT13-C2x3D21-85	Lower shell PROpack and PRObag
	 2 x 4	↑ Vertical	approx. 28 x 9 x 18 cm	HT13-C2x4D11-85	Upper shell PROpack and PRObag

Filling only for illustration purposes. Not included in the delivery!

Access 2 x 3 (vertical)

Filling Example



Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
 Red	 2 x 3	↑ Vertical	approx. 28 x 13 x 18 cm	HT13-C2x3Z21-65	Lower shell PROpack and PRObag

Filling only for illustration purposes. Not included in the delivery!

Ampoule Case


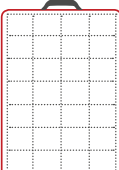
Filling Example



AEROcase®

Ampoule Case (Outside) 4 x 4 | 4 x 7 (horizontal)



Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
■ Luminous Red (RAL 3024)	1 	4 x 4 H orizontal	approx. 36 x 9 x 26 cm	HT13-C4x4A12-70	External fast-access-insertion-pocket of the backpack GTA1
	2 	4 x 7 H orizontal	approx. 49 x 9 x 36 cm	HT13-C4x7A12-70	External fast-access-insertion-pocket of the backpack GTA2

Filling only for illustration purposes. Not included in the delivery!


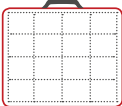
Ampoule Case (Inside) 2 x 4 (vertical) | 4 x 4 (horizontal)



58 Slots





54 Slots
(upgradeable to 72 slots)

Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
Red	 2 x 4	Vertical	approx. 28 x 9 x 18 cm	HT13-C2x4A11-65	Upper shell PROpack and PRObag
	 4 x 4	Horizontal	approx. 37 x 9 x 26 cm	HT13-C4x4A11-65	Upper shell PROpack and PRObag

Universal - Modular Bags 2 x 1 (horizontal)





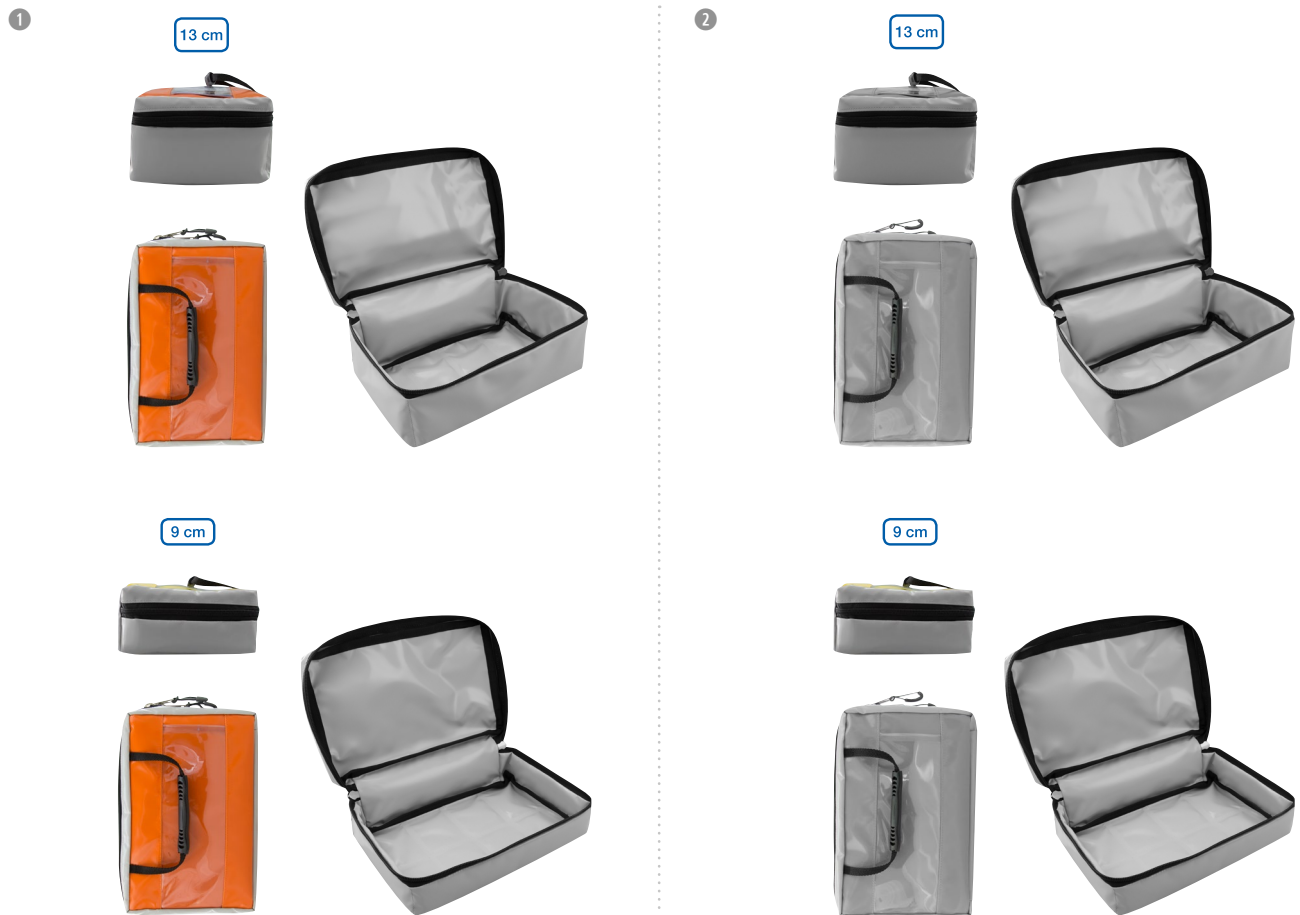
Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
Orange	 2 x 1	Horizontal	approx. 18 x 13 x 8 cm	HT13-C2x1U21-S15	Lower shell PROpack and PRObag
			approx. 18 x 9 x 8 cm	HT13-C2x1U11-S15	Upper shell PROpack and PRObag
Grey	 2 x 1	Horizontal	approx. 18 x 13 x 8 cm	HT13-C2x1U21-5	Lower shell PROpack and PRObag
			approx. 18 x 9 x 8 cm	HT13-C2x1U11-5	Upper shell PROpack and PRObag



Filling only for illustration purposes. Not included in the delivery!

Universal - Modular Bags 2 x 2 (horizontal) | 2 x 4 (vertical)



Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for	
Orange		2 x 2	Horizontal	approx. 18 x 13 x 14 cm	HT13-C2x2U21-S15	Lower shell PROpack and PRObag
				approx. 18 x 9 x 14 cm	HT13-C2x2U11-S15	Upper shell PROpack and PRObag
Grey		2 x 2	Horizontal	approx. 18 x 13 x 14 cm	HT13-C2x2U21-5	Lower shell PROpack and PRObag
				approx. 18 x 9 x 14 cm	HT13-C2x2U11-5	Upper shell PROpack and PRObag





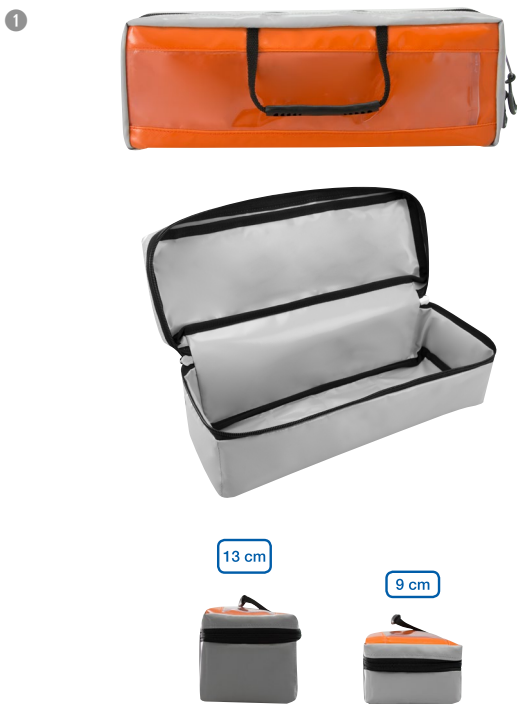
Color	Grid	Variant	Dimension (W x H x D)	Item-No.	Suitable for	
Orange		2 x 4	Vertical	approx. 28 x 13 x 18 cm	HT13-C2x4U21-S15	Lower shell PROpack and PRObag
				approx. 28 x 9 x 18 cm	HT13-C2x4U11-S15	Upper shell PROpack and PRObag
Grey		2 x 4	Vertical	approx. 28 x 13 x 18 cm	HT13-C2x4U21-5	Lower shell PROpack and PRObag
				approx. 28 x 9 x 18 cm	HT13-C2x4U11-5	Upper shell PROpack and PRObag



Universal - Modular Bags 4 x 1 | 4 x 2 (horizontal)

AEROCASE®



Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
Orange	①  4 x 1	Horizontal	approx. 37 x 13 x 8 cm	HT13-C4x1U21-S15	Lower shell PROpack and PRObag
			approx. 37 x 9 x 8 cm	HT13-C4x1U11-S15	Upper shell PROpack and PRObag
Grey	②  4 x 1	Horizontal	approx. 37 x 13 x 8 cm	HT13-C4x1U21-5	Lower shell PROpack and PRObag
			approx. 37 x 9 x 8 cm	HT13-C4x1U11-5	Upper shell PROpack and PRObag






Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
Orange	①  4 x 2	Horizontal	approx. 37 x 13 x 14 cm	HT13-C4x2U21-S15	Lower shell PROpack and PRObag
			approx. 37 x 9 x 14 cm	HT13-C4x2U11-S15	Upper shell PROpack and PRObag
Grey	②  4 x 2	Horizontal	approx. 37 x 13 x 14 cm	HT13-C4x2U21-5	Lower shell PROpack and PRObag
			approx. 37 x 9 x 14 cm	HT13-C4x2U11-5	Upper shell PROpack and PRObag

Universal - Modular Bags 4 x 4 (horizontal)



AEROCASE®

Color	Grid	Variant	Dimension (W x H x D)	Item No.	Suitable for
 Orange	 4 x 4	Horizontal 	approx. 36 x 9 x 26 cm	HT13-C4x4U11-S15	Lower shell PROpack and PRObag









AEROCASE® - Optional Modular Pocket Signage 

Accessories - Modular Bags 

Stable and durable hard-foil labels for signage of the modular bags according to their purpose of use.



Upon request also available with customized labeling and in different fonts colors.

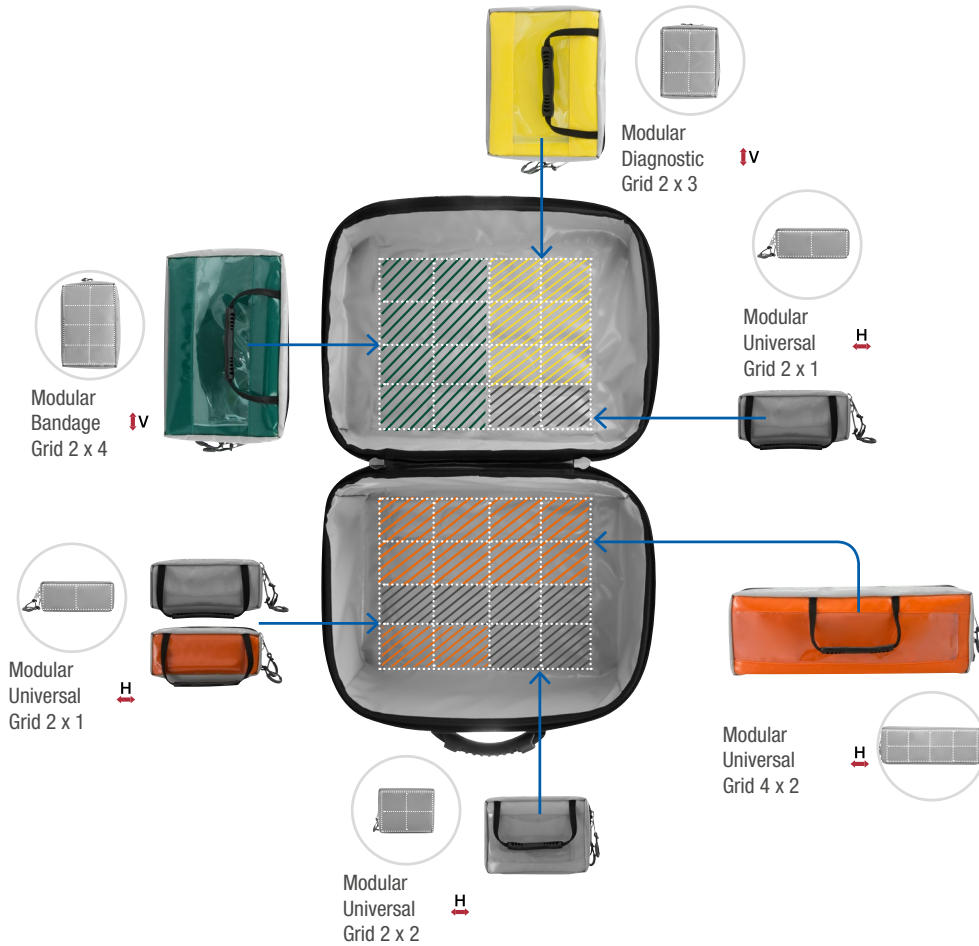
Labeling (functional groups)	Font Colors	Dimension (W x H x D)	Grid Size	Item No.
Ventilation	 Blue	approx. 7 x 18 cm	2 x 3	HT10-LAB-C2x3B-1
		approx. 7 x 23 cm	2 x 4	HT10-LAB-C2x4B-1
Diagnostic	 Yellow	approx. 7 x 18 cm	2 x 3	HT10-LAB-C2x3D-8
		approx. 7 x 23 cm	2 x 4	HT10-LAB-C2x4D-8
Intubation	 Blue	approx. 7 x 23 cm	2 x 4	HT10-LAB-C2x4I-1
Bandage	 Green	approx. 7 x 23 cm	2 x 4	HT10-LAB-C2x4V-4
		approx. 7 x 32 cm	4 x 3	HT10-LAB-C4x3V-4
Access	 Red	approx. 7 x 18 cm	2 x 3	HT10-LAB-C2x3Z-6
O ₂ -Unit	 Blue	approx. 6 x 17 cm	2 x 7	HT10-LAB-C2x7O-1
Ampoule case	 Red	approx. 7 x 23 cm	2 x 4	HT10-LAB-C2x4A-6
		approx. 7 x 32 cm	4 x 4	HT10-LAB-C4x4A-6
Ampoule case A1	 Luminous Red	approx. 7 x 32 cm	4 x 4	HT10-LAB-C4x4A1-7
Ampoule case A2		approx. 7 x 32 cm	4 x 7	HT10-LAB-C4x7A2-7

Grid	Variant	Suitable for	Color	Dimension (W x H x D)	PROpack / PRObag		Item No.
					Lower shell	Upper shell	
	2 x 3  Vertical	Ventilation	 Blue	approx. 22 x 13 x 18 cm	✓		HT13-C2x3B21-15
		Diagnostic	 Yellow		✓		HT13-C2x3D21-85
		Access	 Red		✓		HT13-C2x3Z21-65
	2 x 4  Vertical	Ampoule case	 Red	approx. 28 x 9 x 18 cm		✓	HT13-C2x4A11-65
		Diagnostic	 Yellow			✓	HT13-C2x4D11-85
		Bandage	 Green			✓	HT13-C2x4V11-45
		Universal	 Orange			✓	HT13-C2x4U11-S15
			 Grey			✓	HT13-C2x4U11-5
		Ventilation	 Blue	approx. 28 x 13 x 18 cm	✓		HT13-C2x4B21-15
		Intubation	 Blue		✓		HT13-C2x4I21-15
		Bandage	 Green		✓		HT13-C2x4V21-45
		Universal	 Orange		✓		HT13-C2x4U21-S15
			 Grey		✓		HT13-C2x4U21-5
	2 x 7  Vertical	O ₂ -Unit	 Blue	approx. 46 x 13 x 20 cm	✓		HT13-C2x7O21-15
	2 x 1  Horizontal	Universal	 Orange	approx. 18 x 9 x 8 cm		✓	HT13-C2x1U11-S15
			 Grey			✓	HT13-C2x1U11-5
			 Orange	approx. 18 x 13 x 8 cm	✓		HT13-C2x1U21-S15
			 Grey		✓		HT13-C2x1U21-5
	2 x 2  Horizontal	Universal	 Orange	approx. 18 x 9 x 14 cm		✓	HT13-C2x2U11-S15
			 Grey			✓	HT13-C2x2U11-5
			 Orange	approx. 18 x 13 x 14 cm	✓		HT13-C2x2U21-S15
			 Grey		✓		HT13-C2x2U21-5
	4 x 1  Horizontal	Universal	 Orange	approx. 37 x 9 x 8 cm		✓	HT13-C4x1U11-S15
			 Grey			✓	HT13-C4x1U11-5
			 Orange	approx. 37 x 13 x 8 cm	✓		HT13-C4x1U21-S15
			 Grey		✓		HT13-C4x1U21-5
	4 x 2  Horizontal	Universal	 Orange	approx. 37 x 9 x 14 cm		✓	HT13-C4x2U11-S15
			 Grey			✓	HT13-C4x2U11-5
			 Orange	approx. 37 x 13 x 14 cm	✓		HT13-C4x2U21-S15
			 Grey		✓		HT13-C4x2U21-5
	4 x 3  Horizontal	Bandage	 Green	approx. 36 x 9 x 18 cm		✓ + Front compartment GTA1	HT13-C4x3V11-45
	4 x 4  Horizontal	Ampoule case A1	 Red	approx. 36 x 9 x 26 cm		✓	HT13-C4x4A11-65
			 Luminous Red (RAL 3024)			outside Front compartment GTA1	HT13-C4x4A12-70
		Universal	 Orange			✓	HT13-C4x4U11-S15
	4 x 7  Horizontal	Ampoule case A2	 Luminous Red (RAL 3024)	approx. 49 x 9 x 36 cm		outside Front compartment GTA2	HT13-C4x7A12-70

Example for AEROCASE® - PROpack



Example for AEROCASE® - PRObag



AEROCASE® - corpuls³ Device Bag

Special Equipment

Robust Emergency-Device-Bag especially developed for the corpuls³ patient monitor with integrated defibrillator.

- Reliable protection of the device as well as equipment accessories
- Unrestricted access to the device display, without taking the device out of the bag
- 2 side pockets, each divided in 2 separately accessible zipper pockets, with enough storage space for necessary utensils
- 2 fastening straps for stretchers, equipped with magnetic closing/opening technology for quick and safe attachment

Tested Safety

- According section 4.5.9, EN 1789:2007+ A2:2014 (10 g test)
- Emergency vehicles and their equipment - ambulances -

Conspicuous Design

Thanks to the luminous stripes the pocket is seen any time.
Forgetting the bag at the place of incident belongs to the past.

- Light red RAL 3024/Black
- Strong reflecting stripes

2 Spacious Side Pockets

- No squeezing of stored utensils
- Flexibility during equipment of the bag
- Enough storage space for:
 - ECG-electrodes and children-/infant accessories or alternatively hard paddles single (without children-/infants accessories)
 - Small and big blood pressure cuff
 - Cable for above mentioned instruments
 - Wet shaver
 - Printing paper roll (ECG)
 - Spare adapter for tubus



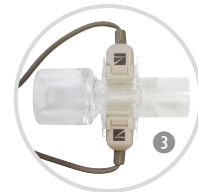
2 side pockets, each with 2 zipper pockets

Fig. with endotracheal disposable adapter



Signage window

- Clear signage window for customized labeling
- View window for type label



For a safe / trouble-free storage of CO₂-Sensors, they should be pre-connected and adapted in the CO₂-Single-Use-Adapter.

- Quicker usage
- No error messages

SIMS - Snap In Magnetic System

Fastening straps with magnetic locks




View- and operation window for display of patient box

Simple Use

- Practical and quick access to user interface
- Access and monitoring without removing the device



Material	Color	Dimension (W x H x D)	Weight	Item No.
Plane	 Luminous red (RAL 3024)	approx. 52 x 26 x 15 cm	approx. 1.1 kg	HT13-GT-CC3.1-70

Filling only for illustration purposes. Not included in the delivery!

Compact oxygen bags for oxygen cylinders up to 2 liters, available in size S (slim version without front compartment) and M.

- All-round padding and integrated plastic plate for interior protection and preservation of form stability
- Safe storage of O₂-Cylinders thanks to the stable fixation straps in main compartment
- O₂-Flow regulation and control of cylinder content through EASY-Access-Window
- More equipment can be stored in the compartments of the interior and also in the front compartment (only OXYbag M)

OXYbag S



OXYbag M



with additional front compartment



Easy-Access-Window

- Permanent option to regulate the O₂-Flow via magnetic easy-access-window
- Continuous control of oxygen level



Locking straps

to restrict the max. opening of the bag



Convenient carrying

- Padded shoulder strap
- Magnetically closing fastening straps for safe transport on stretchers



SIMS - Snap In Magnetic System


Fastening straps with magnetic closing mechanism



Open: Pull off to the side



Close: put straight on and let lock in

Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Plane	 Blue (RAL 5015)	S	approx. 52 x 22 x 14 cm	approx. 1.1 kg	approx. 13 L	① HT13-OXYBS1-1
		M	approx. 52 x 22 x 20 cm	approx. 1.4 kg	approx. 19 L	② HT13-OXYBM1-1

Filling only for illustration purposes. Not included in the delivery!

AEROCASE® - FirstAid Bag

Special Equipment

First aid bag with comfortable “SIMS” = Snap In Magnetic System, a wall hanging storage solution with magnetic technology. Finest product finish under use of highly quality materials. Of course Made in EU!

- For stationary as well as for mobile use
- Structured and intelligent interior design
- Generous space for extensive first aid equipment
- Lightweight and durable construction

AEROCASE®



Front pocket
for accident book



Transparent
side pockets

SIMS - Snap In Magnetic System



magnetic technology wall mount

Perfect Usage Comfort

- Generous access to the Main Compartment
- Intelligent interior layout for a clearly separated first aid equipment
- Fixation loops in different sizes, horizontally and vertically available
- Rollable interior compartments with lockable transparent pockets and shelves
- Protection against dirt
- No slipping of material



approx. 90 cm

Material	Color	Dimensions (W x H x D)	Weight	Volume	Item No.
Plane	 Red (RAL 3002)	approx. 45 x 31 x 18 cm	approx. 1.1 kg	approx. 16 L	HT13-ABL1-R

Filling only for illustration purposes. Not included in the delivery!


AEROCASE® - IMMObag

Special Equipment

Compact emergency bag for immobilisation equipment. *One for all!*

- ① Reinforced handle for more comfort
- ② Additional positioning handle
- ③ Balanced carrying comfort
- ④ Front compartment reachable from inside and outside
- ⑤ Diversified compartment with 6 compartments for cervical collars and pelvic slings
- ⑥ Main compartment for storage of a rescue corset



Material	Color	Dimensions (W x H x D)	Weight	Volume	Item No.
Plane	 Yellow (RAL 1018)	approx. 85 x 24 x 25 cm	approx. 1.6 kg	approx. 40 L	HT13-IMMOBL1-8

Filling only for illustration purposes. Not included in the delivery!

AEROCASE® - ANTI-INFECTIONbag

Anti-Infection-Bag for infection control and applications with contact with resistant germs and lethal pathogens.

Safe protection against infection - hygienic, practical, compact.

- 3 protection level - 3 x storage space!
- As well as a small lockable front compartment
- Dustproof zippers protect the equipment from contamination

① Protection level 1

Hand sanitizer, tape and other small parts.

② Protection level 2

Disposable gloves, face mask, MRSA coat etc.

③ Protection level 3

Splashguard visor with mouthguards, full-body protective clothing, etc.



Dustproof Zippers



Material	Color	Dimensions (W x H x D)	Weight	Volume	Item No.
Plane	 Luminous red (RAL 3024)	approx. 52 x 32 x 23 cm	approx. 1.0 kg	approx. 28 L	HT13-AIBM1-70

Filling only for illustration purposes. Not included in the delivery!

AEROCASE® - ORGAbag

Personal Equipment

Multi-Organizer (DIN A4 and DIN A5) with a large number of compartments for a clear arrangement of forms, documents, vehicle documents, writing utensils etc.

Flexible organizational talents

- Can be upgraded, you always make the right decision.

The DIN A4 Modell



Snap Back Handle

Extremely flat when open!



Including aluminum clipboard with anti-scratch coating and storage compartment for clipboard

SIMS - Snap In Magnetic System

Magnetic Key Clip



4-hole template with integrated ruler

Filling Examples



AEROTEX® - Dura



1

2

AEROTEX® - Plan^{PRO}



3

4

5

6

Material	Color	Dimensions (W x H x D)	Weight	Item No.
Nylon	■ Luminous Blue	approx. 29 x 37.5 x 6.5 cm	approx. 1 kg	1 HT12-ORGAB41-2
	■ Daylight Yellow			2 HT12-ORGAB41-9
Plane	■ Blue			3 HT13-ORGAB41-3
	■ Daylight Yellow			4 HT13-ORGAB41-9
	■ Luminous Red			5 HT13-ORGAB41-7
	■ Black			6 HT13-ORGAB41-0

Filling only for illustration purposes. Not included in the delivery!

The DIN A5 Modell

Personal Equipment

Intelligent interior separation

- Elastic loops for writing utensils
- Transparent pockets inside

SIMS - Snap In Magnetic System



Magnetic Key Clip



AEROCASE®

Filling Examples



AEROTex® - Dura



1

2

AEROTex® - Plan^{PRO}



3

4

5

6

Material	Color	Dimensions (W x H x D)	Weight	Item No.
Nylon	Luminous Blue	approx. 29 x 22.5 x 5 cm	approx. 0.5 kg	1 HT12-ORGAB51-2
	Daylight Yellow			2 HT12-ORGAB51-9
Plane	Blue			3 HT13-ORGAB51-3
	Daylight Yellow			4 HT13-ORGAB51-9
	Luminous Red			5 HT13-ORGAB51-7
	Black			6 HT13-ORGAB51-0

AEROCASE® - Tablet- and Navi-Bag

Accessories - ORGAbag

Tablet-inserts (up to 7 and 10 inch display size) and Navi-insert, of nylon material, grey, for DIN A4 and DIN A5 organizer.



1



2



3

Description	Material	Dimension (W x H x D)	Suitable for	Item No.
Tablet-Bag 7"	Nylon	approx. 25 x 17 cm	ORGAbag DIN A5/A4	1 HT12-ORGAB-TB71-S0
Tablet-Bag 10"		approx. 25 x 28 cm	ORGAbag DIN A4	2 HT12-ORGAB4-TB101-S0
Navi-Bag		approx. 26 x 20.5 cm	ORGAbag DIN A5/A4	3 HT12-ORGAB-NB1-S0

Filling only for illustration purposes. Not included in the delivery!

Practical DAYbags made of nylon for everyday use.

- 4 pockets offer enough space for the utensils you need in everyday life
- Your every day companion - Color matched to your WEARbag

1 Separate front compartment
(e.g. for writing utensils)

2 Separate insertion compartment
(e.g. for aluminum clipboard)



Comfortable transport
padded carrying strap and back




Quick Release Belts
for additional for fixation on body

Main compartment

with additionally incorporated compartment on inner rear panel

- Big insertion pocket
- Zipper pocket
- Small pockets and pen holders



Material	Color	Dimensions (W x H x D)	Weight	Volume	Item No.
Nylon	 Luminous Blue	approx. 30 x 43 x 15 cm	approx. 0.6 kg	approx. 19 L	1 HT12-DAYBM1-29
	 Red				2 HT12-DAYBM1-69
	 Black				3 HT12-DAYBM1-09

Filling only for illustration purposes. Not included in the delivery!

AEROCASE® - WEARbag

Very spacious garment bags sizes M/L and L/XL.

The multifunctional space miracle - for the hygienic storage of your personal protective clothes and special equipment.

- Useful extension-function for enlargement if necessary
- Main compartment with 2 lateral inner bags as well as front and lateral pocket
- Hygienic storage of the clothes thanks to separate boot compartment made of tarpaulin material
- Dust proof zipper protect the interior from dirt
- Including padded back straps as well as additional shoulder carrying strap



Versatile carrying system

- ① Wide, padded back straps
- ② Additional shoulder strap
- ③ Stable carrying handle



Size M/L



Size L/XL



Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Nylon	Red	M/L	approx. 50 (60) x 35 x 35 cm	approx. 1.9 kg	approx. 55 (66) L	① HT12-WEARBML1-69
	Luminous Blue					② HT12-WEARBML1-29
	Black					③ HT12-WEARBML1-09
	Red	L/XL	approx. 75 (85) x 40 x 35 cm	approx. 2.5 kg	approx. 95 (107) L	④ HT12-WEARBLXL1-69
	Luminous Blue					⑤ HT12-WEARBLXL1-29
	Black					⑥ HT12-WEARBLXL1-09

Filling only for illustration purposes. Not included in the delivery!

AEROCASE® - Pro ^{First} Responder PL1C

Emergency backpack "Large" AERotex® - Plan or AERotex® - PES (Polyester).

- Main compartment contains removable frame with extra separating strip
- 5 modular inner bags with velcro fastening: 3 in main compartment, 2 in unfoldable front part
- Elastic attachment straps, 2 lateral pockets, 2 front pockets, clear view window.
- Ergonomic carrying handle and padded back straps with quick release belt for fixation on the body
- Reinforced bottom from plane material
- Bidirectional zippers
- Velcro straps for patches

AEROCASE®



Clearly arranged interior concept



High quality black AERotex® - (PES) Polyester interior in main compartment and front pocket

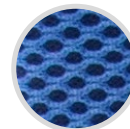
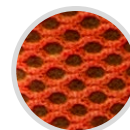
Extremely tear resistant and easy to clean!

-for all models-

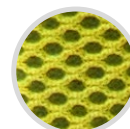
Slim adjusted reflexing stripes on the back straps



Net in the back part



For all plane models in corresponding color



For polyester model in Black

AER0tex® - PES (Polyester)



1



2



3



Improved yellow handle
-for red/blue model-



Improved black handle
-for black model-

AEROcase®

AER0tex® - Plan



4



5



6



Improved black handle
- for all models -

Material	Color	Size	Dimensions (W x H x D)	Weight	Equipment	Item No.
Polyester		L	approx. 36 x 47 x 26 cm	approx. 2 kg	Inner bags set polyester, 5 colors	1 HT01-RPL1C-R
						2 HT01-RPL1C-B
						3 HT01-RPL1C-BLK
Plane				approx. 3 kg	Inner bags set plane, red	4 HT03-RPL1C-R
						5 HT03-RPL1C-B
						6 HT03-RPL1C-Y

Inner Bags Set



1



2



3



4



Material	Color	Item No.
Polyester		1 HT01-RPL1-C-SET
Plane		2 HT03-RPL1-C-SET-R
		3 HT03-RPL1-C-SET-B
		4 HT03-RPL1-C-SET-Y

AEROCASE® - Pro 1R ^{First Responder} BS1

Emergency bag "Small" of AEROTEX® - PES (Polyester).

- Main compartment with removable, padded interior design and zipper compartment in the top part
- Fixation loops in the lid and front part
- 2 side pockets
- Divided front pocket
- Large transparent pocket on the backside
- Comfortable transport with ergonomic handle or shoulder strap
- Reinforced bottom protection of plane material







Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Polyester	 Red	S	approx. 37 x 21 x 27 cm	approx. 0.7 kg	approx. 12 L	① HT01-RBS1-R
	 Blue					② HT01-RBS1-B

AEROCASE® - Pro 1R ^{First Responder} BM1

Emergency bag "Medium" of AEROTEX® - Plan or AEROTEX® - PES (Polyester).

- Main compartment divided into three sections with fixed internal division
- Zipper compartment within the cover
- Fixation loops in lid and main pocket
- 2 spacious side pockets
- Big clear view window on the lid
- Bidirectional zipper
- Comfortable transport with ergonomic handle or shoulder strap
- Reinforced bottom protection of plane material
- Velcro stripes for patches



Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Polyester	 Red	M	approx. 43 x 25 x 27 cm	approx. 1 kg	approx. 18 L	① HT01-RBM1-R
	 Blue					② HT01-RBM1-B
Plane	 Red			approx. 2 kg		③ HT03-RBM1-R
	 Blue					④ HT03-RBM1-B

AEROCASE® - Pro 1R First Responder BL1


Emergency bag "Large" of AERotex® - Plan or AERotex® - PES (Polyester).

- Variable divided main compartment with removable interior
- 2 big side pockets and complex divided front compartment with pockets and fixation loops
- Big zipper compartment within the cover
- Clear window for individual marking
- Bidirectional zipper
- Comfortable transport with back straps (in storage pocket on the backside) shoulder strap or velcro padded handle
- Reinforced bottom protection of plane material



Incl. shoulder strap



Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Polyester	 Red	L	approx. 52 x 32 x 32 cm	approx. 1.6 kg	approx. 28 L	① HT01-RBL1-R
	 Blue					② HT01-RBL1-B
	 Black					③ HT01-RBL1-BLK
Plane	 Red			④ HT03-RBL1-R		
	 Blue			⑤ HT03-RBL1-B		
	 Yellow			⑥ HT03-RBL1-Y		

AEROCASE® - Pro Emergency Medical Service **PXL1C** 

Emergency backpack "Extra Large" of AEROTEX® - Plan.

- 2-piece interior with 7 transparent modular inner bags in different sizes
- Integrated O₂-Cylinder holder (0.8 L | 1.0 L | 2.0 L)
- Foldable front- and center wall with numerous transparent windows and fixation loops
- Additional fixation loops: low front pocket, within inner frame
- 2 small and 1 long side pocket, 2 big front compartments as well as document pocket
- 2 ergonomic handles, on top and lateral side
- Padded back straps with quick release straps for fixation on the body
- Bidirectional zipper
- Reinforced bottom protection
- Velcro stripes for patches

AEROCASE®



Velcro for patches



incl. 7 modular inner bags






1



2



3


Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Plane	 Red	XL	approx. 52 x 54 x 25 cm	approx. 5.1 kg	approx. 55 L	1 HT03-MPXL1C-R
	 Yellow					2 HT03-MPXL1C-Y
	 Blue					3 HT03-MPXL1C-B

AEROCASE® - Pro  **BOL1** 

Emergency oxygen bag “Large” of blue AEROTex® - Plan.

- Padded walls for interior protection
- Main compartment with fixation straps for O₂-Cylinder (2 and 5 liter) and additional storage pockets
- Outside front pocket for storage of additional respiratory accessories
- Locking straps to restrict the max. opening of the bag
- Easy-Access-Window for regulation of O₂-Flow and control of cylinder content
- Fastening straps for transport on a stretcher
- Comfortable transport with padded shoulder straps or wide handle
- Velcro stripes for patches



Material	Color	Size	Dimensions (W x H x D)	Weight	Item No.
Plane	 Blue	L	approx. 55 x 21 x 31 cm	approx. 1.4 kg	HT03-MBOL1-B

Filling only for illustration purposes. Not included in the delivery!


AEROCASE® - Pro  **BOXL1** 

Emergency oxygen bag “Extra Large” of blue AEROTex® - Plan.

The maximum for emergency resuscitation.

- Main compartment with velcro fastened O₂-Cylinder holder
- Fold-out front pocket with velcro stripes and protection walls
- 4 velcro holder for a customized organisation
- 3 parts with velcro: main compartment inside | on cylinder holder | front pocket
- Easy-Access-Window for regulation of O₂-Flow and control of cylinder content
- Optimal protected through padded corpus as well as reinforced bottom of plane material
- Back straps in storage pocket on the backside
- Additional, padded shoulder strap
- Fastening straps for transport on a stretcher



Material	Color	Size	Dimensions (W x H x D)	Weight	Item No.
Plane	 Blue	XL	approx. 56 x 29 x 23 cm	approx. 2.9 kg	HT03-MBOXL1-B

Filling only for illustration purposes. Not included in the delivery!

AEROCASE® - Pro EMS Emergency Medical Service CAS1

Ampoule case for shatter-proof storage of ampoules, cannulas and syringes.
The ideal addition for bags and backpacks of the AEROCASE® - ProEMS and AEROCASE® - Pro1R series.

Small Ampoule Case CAS1

- Holds 50 ampoules (24 x 1 ml | 14 x 1-2 ml | 7 x 5 ml | 5 x 10 ml)
- Removable separating strip
- Integrated fixation loops on both sides
- Transparent pocket for the part list
- All around integrated foam protects content from shattering
- Velcro strips on the backside for fastening of emergency pouches
- Space saving storage in emergency bags or backpacks



Space for 50 ampoules

Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Plane	 Red	S	approx. 18 x 14 x 7.5 cm	approx. 0.23 kg	approx. 1.8 L	HT03-MCAS1-R

AEROCASE® - Pro EMS Emergency Medical Service CIS1

Rollable case made of high-quality and hard-wearing nylon.
The ideal equipment case for emergency bags and backpacks of the AEROCASE® - ProEMS and AEROCASE® - Pro1R series.

High-quality AEROTEX® - PES (Polyester): very tear-resistant fibers | hard-wearing and durable

- Clearly arranged interior
- Solid, wide elastic fixation straps (quality A)
- Spacious, separately closable inside pocket
- Secure and compact storage of: Laryngoscopes, blades, larynxmasks, tracheal tubes, etc.
- Flaps on the side prevent content from falling out
- Foldable, space saving
- Belt adjustable in length with width regulation by velcro



Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Polyester	 Blue	S	approx. 30 x 16 x 4 cm	approx. 0.24 kg	approx. 2 L	HT02-MCIS1-B

Available from May 2017

Be excited with us about the new face of our

FR First Responder **First Responder Series!**



AEROCASE®

EMS Emergency Medical Service **Emergency Medical Service Series!**



New appealing design with recognition value

Now even of higher quality and more robust finish!



AEROCASE® - Pro 1st Responder PL1C

Emergency backpack Pro^{1R} "Large", AEROTex® - Plan or AEROTex® - PES (Polyester).

- Main compartment contains stable frame with removeable separating strips
- 5 modular inner bags with velcro fastening:
3 in main compartment, 2 in unfoldable front part
- Elastic fixation straps, 2 lateral pockets, 2 front pockets, clear view window

new
NEW ROBEKAT

Now even of higher quality and more robust finish!

- Ergonomic improved carrying handle and padded back straps with quick release belt for fixation on the body
- Reinforced bottom from plane material
- Bidirectional zippers
- Velcro straps for patches

AEROCASE®



Padded, ergonomic back straps

Net in back area



For all models in black color



High-quality black AEROTex® - PES (fine polyester) interior in main compartment and front pocket

Extremely tear resistant and easy to clean!
- for all models -



Intelligent interior concept



Individual organisation

- 5 modular inner bags in different sizes
- Plane - 1 color (red, blue or yellow)
- Polyester - assorted colors
- Clear window and handles



Model: Tarpaulin



Model: Polyester

AER0tex® - PES (Polyester)



1



2



3



Improved yellow handle
- for red/blue model -



Improved black standard handle
- for black model -

AEROcase®

AER0tex® - Plan



4



5



6



Improved yellow handle

Material	Color	Size	Dimensions (W x H x D)	Weight	Equipment	Item No.
Polyester	Red	L	approx. 36 x 47 x 26 cm	approx. 2 kg	Inner bags set polyester, 5 colors	1 HT01-RPL1C-R
	Blue					2 HT01-RPL1C-B
	Black					3 HT01-RPL1C-BLK
Tarpaulin	Red			approx. 3 kg	Inner bags set plane, red	4 HT03-RPL1C-R
	Blue					5 HT03-RPL1C-B
	Yellow					6 HT03-RPL1C-Y

Innentaschen-Sets



1



2



3



4

Material	Color	Item No.
Polyester	Red, Blue, Yellow, Green, Orange 5-Color	1 HT01-RPL1-C-SET
Tarpaulin	Red	2 HT03-RPL1-C-SET-R
	Blue	3 HT03-RPL1-C-SET-B
	Yellow	4 HT03-RPL1-C-SET-Y

AEROCASE® - Pro 1R First Responder **BS1**  

Our "Small" in new design
Now also in AEROTex® - Plan available!

Emergency bag Pro^{1R} "Small" made of AEROTex® - Plan or AEROTex® - PES (Polyester).

- Main compartment with removable, padded interior design and zipper compartment in the top part
- Fixation loops in the lid and front part
- 2 side pockets
- Spacious front compartment
- Large transparent pocket in the lid for custom labeling
- Bidirectional zippers
- Comfortable transport with padded velcro handle or shoulder strap
- Reinforced bottom protection of plane material





Velcro for patches



incl. shoulder strap



Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Polyester	 Red	S	approx. 37 x 21 x 27 cm	approx. 0.7 kg	approx. 12 L	1 HT01-RBS1-R
	 Blue					2 HT01-RBS1-B

AEROCASE® - Pro 1R First Responder **BM1**  

New look and now even more space!

Emergency bag Pro^{1R} "Medium" made of AEROTex® - Plan or AEROTex® - PES (Polyester).

- Main compartment divided into three sections with fixed internal division
- Zipper compartment within the cover
- Fixation loops in lid and main pocket
- 2 spacious side pockets
- Big spacious front compartment
- Big clear window on the lid for custom labeling
- Bidirectional zipper
- Comfortable transport with padded velcro handle or shoulder strap
- Reinforced bottom protection of plane material



Additional front compartment







Velcro for patches



incl. shoulder strap



Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Polyester	 Red	M	approx. 43 x 25 x 27 cm	approx. 1 kg	approx. 18 L	1 HT01-RBM1-R
	 Blue					2 HT01-RBM1-B
Tarpaulin	 Red	M	approx. 43 x 25 x 27 cm	approx. 2 kg	approx. 18 L	3 HT03-RBM1-R
	 Blue					4 HT03-RBM1-B

Emergency bag Pro 1st "Large" made of AEROTEX® - Plan or AEROTEX® - PES (Polyester).

- Variable divided main compartment with removable interior
- 2 big side pockets and complex divided front compartment with pockets and fixation loops
- Big zipper compartment within the cover
- Clear view window for individual marking
- Bidirectional zipper
- Comfortable transport with back straps (in storage pocket on the backside) shoulder strap or velcro padded handle
- Reinforced bottom protection of plane material



Velcro for patches



Complex divided front compartment



incl. shoulder strap



Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Polyester	Red	L	approx. 52 x 32 x 32 cm	approx. 1.6 kg	approx. 28 L	① HT01-RBL1-R
	Blue					② HT01-RBL1-B
	Black					③ HT01-RBL1-BLK
Tarpaulin	Red			④ HT03-RBL1-R		
	Blue			⑤ HT03-RBL1-B		
	Yellow			⑥ HT03-RBL1-Y		

Emergency bag Pro^{1R} "Medium", made of AEROTex® - PES (Polyester), incl. plastic insert with variable interior design.

Individual

- Integrated O₂-Cylinder holder 0.8 | 1 | 2 L
- Variable divided plastic insert with 3 Partitions for individual compartment separation
- 4 color coded inner bags with straps for individual organisation - visible, portable and stable
- Inner compartment in the inside of the compartment cover /closure flap
- Large front clear window for individual labeling
- Equipped with carrying handles, a combined detachable shoulder /back strap and five plastic feet
- Bidirectional zipper

1



Velcro for patches



Variable divided plastic insert with Partitions

Integrated O₂-Cylinder holder





Modular bags are secured with a closure flap in the upper part of the bag



Including 4 color coded modular bags

2



Material	Color	Dimensions (W x H x D)	Weight	Volume	Item No.
Polyester	 Red	approx. 47 x 28 x 25 cm	approx. 2kg	approx. 24 L	1 HT01-RBVM1C
	 4-Color	approx. 24 x 13 x 10 cm	-	-	2 HT01-RBVM1-C-SET

Emergency backpack Pro^{EMS} "Extra Large" of AEROtex® - Plan.

- 2 piece interior with 7 transparent modular inner bags in different sizes
- Integrated O₂-Cylinder holder (0.8 L | 1.0 L | 2.0 L)
- Foldable front- and center wall with numerous transparent clear view
- Windows and fixation loops
- Additional fixation loops: front pocket lower, within inner frame
- 2 small and 1 long side pocket, 2 big front compartments as well as document pocket
- 2 ergonomic handle, on top and lateral side
- Removeable padded back straps with quick release straps for fixation on the body
- Bidirectional zipper
- Reinforced bottom protection



From professionals
for professionals

More value for your
money is impossible!

Velcro for patches






Removable back straps, soft padded and
ergonomic



incl. 7 modular inner bags




Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Tarpaulin	 Red	XL	approx. 52 x 54 x 25 cm	approx. 5.1 kg	approx. 55 L	① HT03-MPXL1C-R
	 Yellow					② HT03-MPXL1C-Y
	 Blue					③ HT03-MPXL1C-B

Emergency oxygen bag Pro^{EMS} "Large" of blue AEROTex® - Plan.

- Padded walls for interior protection
- Main compartment with fixation straps for O₂-Cylinder (2 and 5 liter) and additional storage pockets ①
- Outside front pocket ② with velcro ⑦, for storage of additional respiratory accessories
- Clamping straps to restrict the max. opening of the bag ③
- Easy-Access-Window for regulation of O₂-Flow and control of cylinder content ④
- Fastening straps for transport on a stretcher ⑤
- Comfortable transport with padded shoulder straps or wide handle ⑥
- Velcro stripes for patches ⑦



Material	Color	Size	Dimensions (W x H x D)	Weight	Item No.
Tarpaulin	 Blue	L	approx. 55 x 21 x 31 cm	approx. 1.4 kg	HT03-MBOL1-B

Bag contents for illustration purpose only. Not included in scope of delivery!

Emergency bag Pro^{EMS} "Large" of AEROTEX® - Plan.

- Structured, practice oriented interior concept with versatile organisation options
- Main compartment in the bottom with variable separation system
- In upper main compartment fixable, removable middle wall with straps, loops and compartments for an optimal organisation sized materials
- Comfortable transport through ergonomic comfort-handle or padded shoulder strap
- Protected bottom- and back area
- Main compartment in the lid with big lockable compartments and fixation loops



Velcro for patches

Protected bottom- and back area

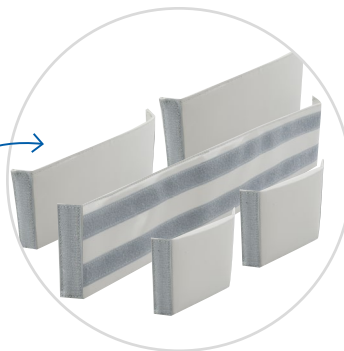


incl. shoulder straps

Interior concept for the professional service



180°





Individual separation made easy



Filling example



Material	Color	Size	Dimensions (W x H x D)	Weight	Item No.
Tarpaulin	 Red	L	approx. 45 x 34 x 19 cm	approx. 2.9 kg	 HT03-MBVL1-R

Bag contents for illustration purpose only. Not included in scope of delivery!

Ampoule cases for shatter-proof storage of ampoules, cannulas and syringes.

Small Ampoule Case CAS1

- Holds 50 ampoules (24 x 1 ml | 14 x 1-2 ml | 7 x 5 ml | 5 x 10 ml)
- Removable separating strip
- Integrated fixation loops on both sides
- Transparent pocket for a part list
- All around intergrated foam protects content from shattering
- Velcro strips on the backside for fastening of emergency pouches
- Space saving storage in emergency bags or backpacks

1



Space for 50 ampoules



Big Ampoule Case CAL1


- Removable ampoule board with professional ampoule bars and 3 elastic fixation loops
- Middle, padded wall with spacious clear windows for syringes, cannules, etc.
- All around intergrated foam protects content from shattering
- Clear window for equipment list / labeling
- Velcro straps on the backside for optimal storage in emergency cases

Perfect fit into front pockets of emergency backpacks of AEROCASE® ProEMS



Space for 60 ampoules



Material	Color	Size	Dimensions (W x H x D)	Weight	Volume	Item No.
Tarpaulin	 Red	S	approx. 18 x 14 x 7.5 cm	approx. 0.23 kg	approx. 1.8 L	1 HT03-MCAS1-R
		L	approx. 27 x 22 x 9.5 cm	approx. 1.20 kg	approx. 5 L	2 HT03-MCAL1-R

AEROCASE® - Ampoule Board

Ampoule board of stable acrylic glass, with 2 ampoule bars for storage of 22 ampoules (2 x 11 ampoules).



Suitable for:
Storage in drawers



Suitable for:
Ulmer case I, II, III

Item	Dimensions (W x H x D) / Content	Weight	Item No.
Ampoule board with 2 bars	approx. 23.6 x 22.5 x 3.2 cm	approx. 0.35 kg	HNK01-AT2AL220
Ampoule bars single pcs.	approx. 22 cm long	-	HNK01-AL220
Screw-Set for ampoule bar	3 x screws M3x10, DIN966 3 x screw nuts, DIN934 3 x rosette M3, DIN88966	-	HNK01-ALBS

Bag contents for illustration purpose only. Not included in scope of delivery!

Intubation cases for safe storage of: Laryngoscopes, blades, airway masks, endotrachealtubes, etc.

Intubation Case CIS1

Space saving rollable intubation case of durable AEROTex® - Dura (Nylon).

- High-quality nylon: very tear-resistant fibers | durabler and long lasting
- Intelligent structured interior with wide, stable fixation loops (Quality A)
- Spacious, separately lockable front pocket
- Flaps on the side prevent content from falling out
- Belt adjustable in length with width regulation by velcro



1



Intubation Case CIL1

Big, spacious intubation bag of durable AEROTex® - Plan material

- Robust and disinfectable
- Many elastic fixation loops for for fixation of intubation accessories
- Compartments for storage of endotrachealtubes and laryngeal airway masks
- Clear window for equipment list/labeling
- Velcro straps on the backside for optimal storage in emergency cases
- Bidirectional zippers

Addition for

AEROCASE PRO¹⁸ and Pro^{EMS} Series





Velcro for storage

2



Fixation loops and compartments

Material	Color	Size	Dimensions (W x H x D)	Weight	Volumen	Artikelnummer
Nylon	 Blue	S	approx. 30 x 16 x 4 cm	approx. 0.24 kg	ca. 2 L	1 HT02-MCIS1-B
Tarpaulin	 Blue	L	approx. 27 x 22 x 9.5 cm	approx. 0.50 kg	ca. 5 L	2 HT03-MCIL1-B

AEROfusion

AEROfusion

AEROfusion - One-Hand Tourniquet


Tourniquet for blood stowing during blood extraction procedures or infusions.

Skin friendly elastic polyester strap, comfortable and one-hand use. With the multifunctional lock mechanism a separate opening is possible.

Easy Handling

- Multifunctional lock mechanism for easy opening ❷ or loosening up ❶
- Quick one-hand use without repositioning
- Easy application and safe release
- Safely rolled with clamped lock ❸
- Integrated loop 4 and clip 3 for storage on hooks or straps in medical bags or on medical clothing ❹

Patient friendly and safe

- No pinching, squeezing or bruising of the skin
- Skin friendly flexible polyester strap
- Reliable fixation with safety-lock mechanism
- Washable up to 
- Disinfectable
- Latex free and MRI safe



Application field

- Hospital
- Medical Practice
- Emergency Medical Service
- Nursing Home











Material	Dimensions (L x W)	Weight	Color	Item No.
Polyester, Elastane (Strap), ABS (buckle)	40 x 2.5 cm	approx. 20 g	Blue/White	HVS01-25W/B-V2.0

 Private label option in different colors available upon request!

Customized print in 3 different options available:

- Print on polyester strap
- Print on buckle
- Print on polyester strap and buckle

Just inform us about your requested option!

Color*	Item No.
 Blue	HVS01-25W/B-2.0/KD
 Green	HVS01-25W/G-2.0/KD
 Yellow	HVS01-25W/Y-2.0/KD
 Orange	HVS01-25W/O-2.0/KD
 Red	HVS01-25W/R-2.0/KD
 Black	HVS01-25W/BLK-2.0/KD
 Purple	HVS01-25W/V-2.0/KD
 White	HVS01-25W/W-2.0/KD
 Olivgreen	HVS01-25W/OG-2.0/KD
 Pink	HVS01-25W/P-2.0/KD

*Slightly color deviations possible!



AERObag®

Manual Resuscitation | CPR Assistants

Our AERObag® product family offers professional emergency personnel as well as amateur helpers a wide assortment with reliable products for manual resuscitation and emergency ventilation.

AERObag® - Manual Resuscitators and -Masks

AERObag® - PVC or silicone manual resuscitators and -masks are powerful and user- and patient friendly.

With our 3 models - Adult, Children, Baby - and the wide range of masks, you are perfectly prepared for every type of patient. All matching accessories for PEEP ventilation or ventilation at an increased oxygen concentration are also available.

AERObag® - CPR Face Shields and Pocket Masks

Fear of infections through fluids or disgust towards the injured person can lead to underremaining of life saving mouth-to-mouth resuscitation from the first aid helper.

AERObag® - CPR assistants help to reduce inhibition threshold and the risk of infection during mouth-to-mouth resuscitation by avoiding direct contact to the patient.



AERObag® - Silicone | PVC Manual Resuscitators

Reusable Manual Resuscitators of high quality temperature resistant silicone ① - ③ | Latex free PVC Disposable Resuscitators ④ - ⑥.
 Compression unit in handy design and structured surface for safe grip.
 Rotatable patient connector with an integrated safety valve for respiratory pressure relief.

PEEP Ventilation

The Silicone Manual Resuscitator offer the option of a PEEP resuscitation with the help of the separate Adapter AERObag® - DV05.
 Our PVC Manual Resuscitator has an integrated adapter at the expiratory shank for insertion of PEEP valves.

All-In-One Intake Valve

- Integrated reservoir valve
- Oxygen gas inlet for 6 mm tubing
- Direct connection for reservoir bag, demand valve respectively bag-refill systems



Intake valve

conic plug 22 mm ID/26 mm AD

Safety Valve

- 60 mbar - Adult
- 40 mbar - Children and Baby



Pressure relief valve

AERObag®

Silicone

PVC

Adult



①



④

Children



②



⑤

Baby



③





⑥



Patient Group	Volume	Item No.	
		Silicone (Reusable)	PVC (Single Use)
Adult (> 30 kg)	1500 ml	① HBB05-E	④ HBB06-E2
Children (5-30 kg)	450 ml	② HBB05-K	⑤ HBB06-K2
Baby (up to 5 kg)	280 ml	③ HBB05-B	⑥ HBB06-B2

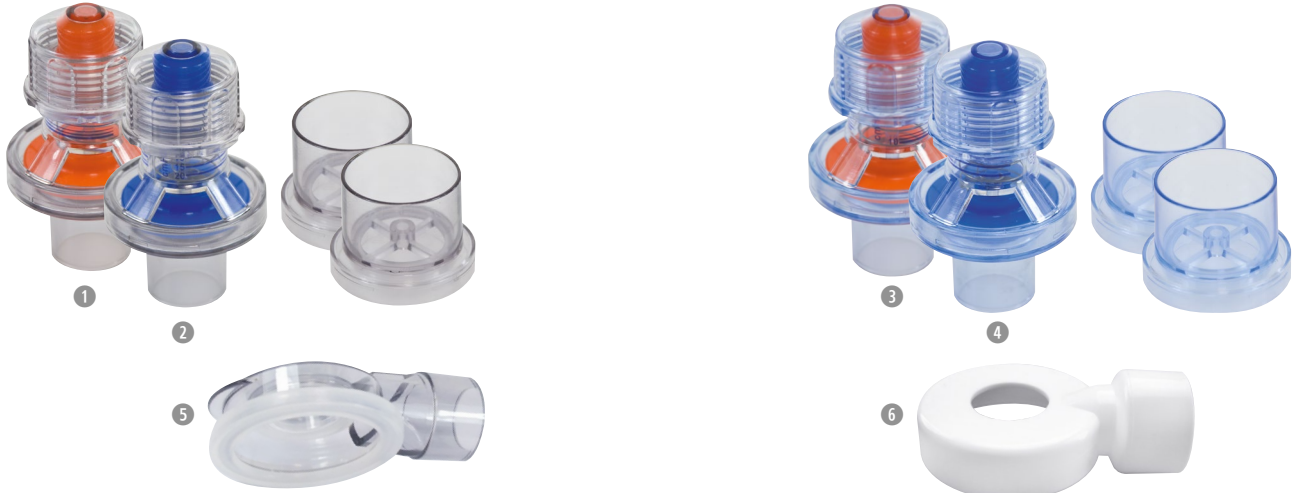
AERObag® - PEEP Valves / Diverter

Accessories - Manual Resuscitators 







PEEP-Valves 10 mbar (orange) or 20 mbar (blue) of polysulfone   or polycarbonate   for stepless regulation of positive end-expiratory pressure during resuscitation.

All PEEP-Valves are delivered with 2 socket adapters (22 mm AD | 30 mm ID).

They have to be connected either with the help of a diverter   at the patient valve or, for our new PVC Manual Resuscitator models, directly at the expiratory shank.



Only for previous PVC Manual Resuscitator models

Item Description	Item No.		
	Polysulfone (Reusable)	Polycarbonate (Single use)	Polypropylene (Single use)
PEEP-Valve orange, 2-10 cmH ₂ O	 HPV05-10	 HPV06-10	-
PEEP-Valve blue, 5-20 cmH ₂ O	 HPV05-20	 HPV06-20	-
Diverter / PEEP-Valve-Adapter	 HBB05-DV	-	 HBB06-DV30



AERObag® - Reservoir Bags

Accessories - Manual Resuscitators 

Reservoir bags of PVC  or polyethylene  for an additional oxygenation during resuscitation.

With 25 mm ID connector of polycarbonate for usage with AERObag® - BB05 and BB06 Manual Resuscitators.

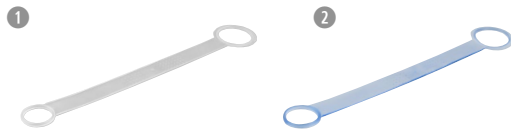




Volume	Item No.	
	 PVC	 Polyethylene
2500 ml (adult, children)	HBB05-RB2500	HBB06-RB2500
600 ml (baby)	HBB05-RB600	HBB06-RB600

AERObag® - Hand Straps

Accessories - Manual Resuscitators 

Handstraps of silicone  or PVC  suitable for all AERObag® - BB05 and BB06 Manual Resuscitators.



Item No.	
 Silicone (Reusable)	 PVC (Single use)
HBB05-HS	HBB06-HS

AERObag® - Storage Case

Accessories - Manual Resuscitators 

Storage case of transparent polypropylene suitable for all AERObag® - Manual Resuscitators incl. accessories.



Dimensions (W x H x D)	Item No.
310 x 110 x 130 mm	HBB05-AB

AERObag® - Silicone Compression Unit

Spare Parts - Manual Resuscitators 

Silicone compression unit suitable for all AERObag® - BB05 Manual Resuscitators.

(Not available for PVC Manual Resuscitators)



Patient Group	Item No.
	Silicone (Reusable)
Adult (1500 ml)	HBB05-BE
Children (450 ml)	HBB05-BK
Baby (280 ml)	HBB05-BB

AERObag® - Patient Valves

Spare Parts - Manual Resuscitators 

Patient safety valves of polysulfone with pressure relief valve 40 cmH₂O or 60 cmH₂O. Suitable for AERObag® - BB05 Manual Resuscitators.



Item Description	Pressure	Item No.
		Polysulfone (Reusable)
Patient safety valve, complete	40 cmH ₂ O	HBB05-PVD40
	60 cmH ₂ O	HBB05-PVD60

AERObag® - Patient Valve for Silicone Manual Resuscitators

Spare Parts - Manual Resuscitators 

Spare parts for autoclavable patient valves with an integrated pressure relief valve 40 cmH₂O or 60 cmH₂O for AERObag® - BB05 Manual Resuscitators.

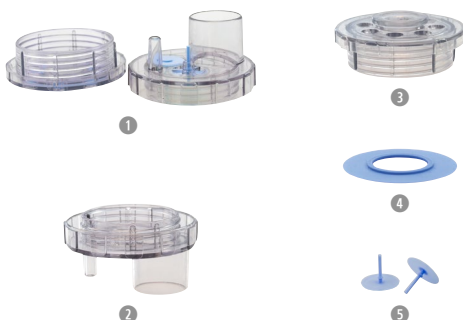


Item Description	Item No.
Patient valve top part, without pressure relief valve	① HBB05-PVD-OT
Lip membrane, blue	② HBB05-PVD-LM
Patient valve bottom part, without pressure relief valve	③ HBB05-PVD-UT
Expiratory membrane, blue	④ HBB05-PVD-AAM
Pressure relief valve, 40 cmH ₂ O	⑤ HBB05-PVD40-DB
Pressure relief valve, 60 cmH ₂ O	⑤ HBB05-PVD60-DB
Silicone compression unit	⑥ HBB05-HR

AERObag® - Intake Valve for Silicone Manual Resuscitators

Spare Parts - Intake Valve 

All-In-One intake valve of autoclavable polysulfone suitable for AERObag® - BB05 Manual Resuscitators. Intake valve available as complete SET as well as spare parts.



Item Description	Item No.
Intake valve, complete	① HBB05-AVRV
Outer part	② HBB05-AVRV-AT
Inner part	③ HBB05-AVRV-IT
Inlet membrane	④ HBB05-AVRV-EM
Reservoir-Valve membrane, blue, SU=2 pcs.	⑤ HBB05-AVRV-M

AERObag® - Resuscitation Masks

Resuscitation masks of silicone or latex free PVC in different sizes for adults, children and babies.

Transparent | Anatomically shaped | Excellent sealing properties at already lowest pressure | Soft and smooth | Connection according to ISO-Norm

Silicone Resuscitation Masks (Reusable)

- Masks with silicone cuff and a clear rigid shell of polysulfone ①
- Full silicone masks ②



PVC Resuscitation Masks (Single use)

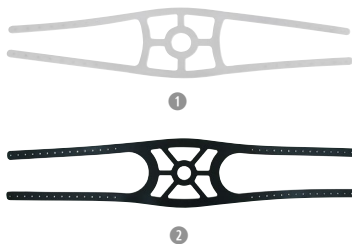
- Masks with inflatable cuff with standard valve ③ or MRI safe with a silicone valve ④ and clear rigid shell of PVC as well as colour coded mask fixation hooks of polyethylene.



Size	Item No.					
	Reusable		Single Use			
	① Silicone/Polysulfone	② Full Silicone	③ PVC with standard valve		④ PVC with silicone valve (MRI-safe)	
0		HBM05-0V	HBM06-0V	<input type="checkbox"/>	HBM06-0VS	<input type="checkbox"/>
1	-	HBM05-1V	HBM06-1V	<input type="checkbox"/>	HBM06-1VS	<input type="checkbox"/>
2		HBM05-2V	HBM06-2V	<input type="checkbox"/>	HBM06-2VS	<input type="checkbox"/>
3	HBM05-3	HBM05-3V	HBM06-3V	<input type="checkbox"/>	HBM06-3VS	<input type="checkbox"/>
4	HBM05-4	HBM05-4V	HBM06-4V	<input type="checkbox"/>	HBM06-4VS	<input type="checkbox"/>
5	HBM05-5	HBM05-5V	HBM06-5V	<input type="checkbox"/>	HBM06-5VS	<input type="checkbox"/>

AERObag® - Mask Head Straps

Mask head straps for AERObag® - BM05 and BM06 resuscitation masks.



Item description	Item No.	
	① Reusable	② Single Use
Mask head strap, 440 mm, white, silicone	HBM05-B440	-
Mask head strap, 700 mm, white, silicone	HBM05-B700	-
Mask head strap, 700 mm, black, rubber	-	HBM06-B700

Accessories - Resuscitation Masks

AERObag® - Inflator / Deflator

Small, handy PVC-bag for inflation and deflation of resuscitation masks, with fixation hook for key pouches.



Material	Dimensions (W x H)	Weight	Item No.
PVC	4.2 x 7.9 cm	approx. 23 g	HBM01-ID

AERObag® - Resuscitation Masks

Spare Parts for Resuscitation Masks 

Spare parts for AERObag® - BM05 and BM06 resuscitation masks.



Item Description	Item No.	
	Reusable	Single Use
Mask-fixation ring, silicone	① HBM05-ER	-
Mask-fixation nipple, silicone, long	② HBM05-BNL	
Mask-fixation nipple, silicone, short	③ HBM05-BNK	
Fixation hook for mask head strap	④ HBM05-BH	⑤ HBM06-BH

AERObag® - Silicone Manual Resuscitator SETS

Manual Resuscitator SETS consisting of*:

Silicone Manual Resuscitator and resuscitation mask, 2 m PVC O₂ safety tube and 2500 ml or 600 ml PVC reservoir bag.

For adults, children and babies.

*Upon request, individual configuration of resuscitator sets available



SET-Content		Resuscitation Mask										Item No.				
Patient Group	Volume	No. of Masks	Size													
			0 V	1 V	2 V	3 V	4 V	5 V	3	4	5					
Adults	1500 ml	1									✓			HBB05-E-3R		
													✓		HBB05-E-4R	
														✓		HBB05-E-5R
		2				✓								✓		HBB05-E-2V5R
												✓	✓			HBB05-E-34R
												✓		✓		HBB05-E-35R
		3											✓	✓	✓	HBB05-E-45R
												✓	✓	✓		HBB05-E-345R
									✓							HBB05-E-3VR
		1								✓						HBB05-E-4VR
												✓				HBB05-E-5VR
												✓	✓			HBB05-E-35VR
2										✓	✓			HBB05-E-345VR		
										✓	✓	✓		HBB05-E-345VR		
										✓	✓	✓		HBB05-E-345VR		
Children	450 ml	1		✓										HBB05-K-1VR		
					✓										HBB05-K-2VR	
						✓										HBB05-K-3VR
		2		✓	✓											HBB05-K-12VR
				✓		✓										HBB05-K-13VR
					✓	✓	✓									HBB05-K-23VR
3		✓	✓	✓									HBB05-K-123VR			
Babies	280 ml	1	✓											HBB05-B-0VR		
				✓											HBB05-B-1VR	
		2	✓	✓											HBB05-B-01VR	
		3	✓	✓	✓										HBB05-B-012VR	

AERObag® - PVC Manual Resuscitator SETS

Manual Resuscitator SETS consisting of*:

PVC Manual Resuscitator and resuscitation mask, 2 m PVC O₂ safety tube and 2500 ml or 600 ml PE reservoir bag.

For adults, children and babies.

*Upon request, individual configuration of resuscitator sets available



SET-Content		Resuscitation Masks							Item No.	
Patient Group	Volume	No. of Masks	Size							
			0	1	2	3	4	5		
Adult	1500 ml	1				✓			HBB06-E2-3R	
							✓		HBB06-E2-4R	
									✓	HBB06-E2-5R
		2					✓	✓		HBB06-E2-34R
							✓		✓	HBB06-E2-35R
								✓	✓	HBB06-E2-45R
		3				✓	✓		✓	HBB06-E2-235R
							✓	✓	✓	HBB06-E2-345R
Children	450 ml	1		✓					HBB06-K2-1R	
					✓					HBB06-K2-2R
						✓				HBB06-K2-3R
		2		✓	✓					HBB06-K2-12R
				✓		✓				HBB06-K2-13R
					✓	✓				HBB06-K2-23R
		3		✓	✓	✓				HBB06-K2-123R
Babies	280 ml	1	✓						HBB06-B2-0R	
				✓						HBB06-B2-1R
		2	✓	✓						HBB06-B2-01R
			✓	✓	✓					HBB06-B2-012R
		3								

AERObag® - Hyperventilation Mask

PVC hyperventilation mask for complementary treatment of hyperventilation syndrome.

- Anatomical shape
- Fixed 2000 ml reservoir bag
- Wide nose clip and adjustable head strap
- Latex free

Item No.
HBM06-HV2000E



AERObag® - Pocket Mask

Single use - resuscitation mask of PVC for adults and children, in robust hard case.



Anatomically shaped, excellent cuff sealing properties with elastic rubber head strap. Additionally equipped with an O₂-Connector for optional O₂ delivery.

No direct contact between patient and helper during mouth-to-mouth resuscitation in emergency situations. Reduces inhibitions and infection risks during resuscitation.

Scope of delivery



Air cushion mask

Mouthpiece +
Single use one-way valve



Bacterial filter + spare filter



Vinyl-single use gloves



Hard case








Item No.	HBM06-PMB	Color*		Blue
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Upon request private label option in different colours available!



Item No.	Color*	
HBM06-PMB-B/KD		Blue
HBM06-PMB-R/KD		Red
HBM06-PMB-Y/KD		Yellow
HBM06-PMB-O/KD		Orange
HBM06-PMB-W/KD		White

AERObag® - CPR Face Shields







Single use CPR face shields of polyethylene (PE) for adults consisting of user side printed face cover including integrated one-way valve.

Including flexible ear straps for patient head fixation. Delivery in a convenient nylon softcase with key pouch.

Reduced inhibition threshold and infection risk
No direct contact between patient and helper.

"Lifesaving resuscitation"















Item No.	Color*	
HBT01-V-S5x5-B		Blue
HBT01-V-S5x5-BLK		Black
HBT01-V-S5x5-LB		Blue-Purple
HBT01-V-S5x5-R		Red
HBT01-V-S5x5-YG		Gold-Yellow
HBT01-V-S5x5-G		Green



Upon request private label option in different colours available!



Item No.	Color*	
HBT01-V-S5x5-B/KD		Blue
HBT01-V-S5x5-BLK/KD		Black
HBT01-V-S5x5-W/KD		White
HBT01-V-S5x5-G/KD		Green
HBT01-V-S5x5-Y/KD		Yellow
HBT01-V-S5x5-YG/KD		Gold-Yellow
HBT01-V-S5x5-O/KD		Orange
HBT01-V-S5x5-R/KD		Red
HBT01-V-S5x5-RV/KD		Red-Violet
HBT01-V-S5x5-P/KD		Pink
HBT01-V-S5x5-VH/KD		Heather-Violet
HBT01-V-S5x5-LB/KD		Blue-Purple

*Slightly color variation possible!

AEROuse

First Aid | Infection Protection

AEROuse - EASY Gloves Nitrile

Wherever disposable gloves are used, they have to meet stringent requirements. Whether in the examination of infectious patients, during emergency medical or fire services, homecare or activities with food contact, the protection of the patient and staff as well as high wearing comfort play a central role in all areas.

With our AEROuse - EASY Gloves product line we offer you a wide range of high quality disposable gloves for the most demanding and versatile applications.

AEROuse - Rescue Sheet GS1

Rescue sheets are standard equipment in the emergency services. In accordance with DIN 13157 and DIN 13169 they are mandatory part of company medical kits. In accordance with DIN 13164 they are also mandatory part of vehicle medical kits.

The AEROuse - Rescue Sheet GS1 is a durable aluminum-vaporized special film and reliably protects injured persons against hypothermia or overheating during first aid.

AEROuse - Instant Cold Compress

Whether in companies, schools, health care facilities or in the private household, instant cold compresses should not be missing in any first-aid equipment. In any case, one is best equipped with the AEROuse - instant cold compress when rapid intense cooling is required, for example to relieve pain in the case of sprains or bruises.



AEROuse - EASY Gloves | Single Use Gloves Nitrile

Single use examination and protective gloves made of nitrile, powder- and latex-free, with excellent fit and high wearing comfort. With beaded cuff for reliable hold and ambidextrous (suitable for food contact).

- Liquid-tight
- Chemical resistant
- Exceptionally elastic and highly tear-proof
- Chlorinated for easy and quick dressing
- Good grip thanks to textured fingers



EU conformity

- Class I medical device according to 93/42/EEC
- Medical examination gloves acc. DIN EN 455
- Protective gloves acc. DIN EN 420
- Tested according to DIN EN 374
 - Safe protection from chemicals* and microorganisms

*Test chemicals on request

+ Personal protective equipment according to 89/686/EEG – Type tested and certified as complex PPE of the highest category III

5 Models for every need

- Different material thicknesses 2.7 mil | 3.2 mil | 3.5 mil
- Extended gauntlets - Nitrile Premium Guard
- Made of white nitrile - Nitrile Light white



AEROuse - EASY Gloves	Item No.	Color code	Sizes	Units*
Nitrile Light  Blue Thickness 2.7 mil/0.07 mm Length ≥ 240 mm	HHS01-L-PF3-B-XS		XS 5 - 6	150
	HHS01-L-PF3-B-S		S 6 - 7	
	HHS01-L-PF3-B-M		M 7 - 8	
	HHS01-L-PF3-B-L		L 8 - 9	
	HHS01-L-PF3-B-XL		XL 9 - 10	135
Nitrile Light  White Thickness 2.7 mil/0.07 mm Length ≥ 240 mm	HHS01-L-PF3-W-XS		XS 5 - 6	150
	HHS01-L-PF3-W-S		S 6 - 7	
	HHS01-L-PF3-W-M		M 7 - 8	
	HHS01-L-PF3-W-L		L 8 - 9	
	HHS01-L-PF3-W-XL		XL 9 - 10	135
Nitrile Comfort  Blue Thickness 3.2 mil/0.08 mm Length ≥ 240 mm	HHS01-C-PF3-B-XS		XS 5 - 6	100
	HHS01-C-PF3-B-S		S 6 - 7	
	HHS01-C-PF3-B-M		M 7 - 8	
	HHS01-C-PF3-B-L		L 8 - 9	
	HHS01-C-PF3-B-XL		XL 9 - 10	90
Nitrile Premium  Blue Thickness 3.5 mil/0.09 mm Length ≥ 240 mm	HHS01-P-PF3-B-XS		XS 5 - 6	100
	HHS01-P-PF3-B-S		S 6 - 7	
	HHS01-P-PF3-B-M		M 7 - 8	
	HHS01-P-PF3-B-L		L 8 - 9	
	HHS01-P-PF3-B-XL		XL 9 - 10	90
Nitrile Premium Guard  Blue Thickness 3.5 mil/0.09 mm Length 290 mm (+/- 10 mm) Extended gauntlets	HHS01-PG-PF3-B-XS		XS 5 - 6	100
	HHS01-PG-PF3-B-S		S 6 - 7	
	HHS01-PG-PF3-B-M		M 7 - 8	
	HHS01-PG-PF3-B-L		L 8 - 9	
	HHS01-PG-PF3-B-XL		XL 9 - 10	90

*Per dispenser box

AERUse - Rescue Sheet GS1

High-quality aluminum-coated rescue sheet that protects injured persons in the first aid from undercooling, heat, moisture or wind.

Features

- Extremely thin and tear resistant
- Highly reflective
- Prevents heat loss
- Protects against undercooling
- Stops to a large extent the heat radiation
- Good visibility at the accident scene

Fields of application

- Car medical kit acc. DIN 13164
- Company medical kit acc. DIN 13157 | DIN 13169
- Medical and rescue services
- Free time and sports
- Private household



Item No.	Material	Dimensions (W x H)	Weight	Color
HD01-GS1-160x210	Polyester film vaporized with aluminium	160 x 210 cm	approx. 60 g	gold / silver

AERUse - Instant Cold Compress



For the relief of pain and swelling from sprains, strains, contusions, minor burns etc.

- Immediate intensive cold without pre-cooling
- Easy activation by compression
- Water and urea based
- Single-use

Fields of application

- Company medical kit acc. DIN 13157 | DIN 13169
- Medical and rescue services
- Free time and sports
- Private household

Easy Handling

1. Shake contents to bottom of bag. Locate inner pouch. Squeeze firmly to rupture inner fluid pouch.

2. Shake briefly and vigorously to mix contents.

3. Wrap in soft cloth and apply.



Item No.	Dimensions (W x H)	Weight
HKP01-U-15x17	15 x 17 cm	approx. 155 g

AERUse

AEROresc®

Immobilization

Immobilization is an important part of emergency medicine. By immobilization and stabilization of body parts at the place of accident and during patient transport further injuries are to be prevented. The right equipment assists the prevention.

In our AEROresc® product range you will find high-quality products which are especially designed for the immobilization of human body parts.

AEROresc® - EASY Splint

AEROresc® - EASY Splint universal splints are very light and universally malleable. They are suitable for the immobilization of almost any human body part.

AEROresc® - EASY Collar

AEROresc® - EASY Collar Adult and Mini are, in addition to our splints, the perfect complement of your immobilization equipment. The collars are adjustable in size and made especially for the requirements of a reliable and easy immobilization of the cervical spine. Additionally they offer important support function for the cervical spine at place of incident.



AERoresc® - EASY Splints

Malleable universal splints for the immobilization of human body parts.

- Softly padded sheath made of plastic foam, IXPE Core made of aluminium mixture
- Structured surface on the patient side ensures a secure grip and better air circulation
- Patient side blue and outer side yellow
- MRI-safe
- Liquid-repellent (blood, secretion, sweat), reusable
- Lightweight | Compact and space - saving | Cuttable



Patient side with structured surface
Better air circulation | Secure grip

Basic Usage and Application Examples



C-Curve | Strong

Bend the splint edges until a C-Curve is formed. This shape guarantees a solid and unbendable form.



Reverse C-Curve | Stronger

Form the EASY Splint into C-Curve. Afterwards pull the splint edges in the opposite direction.



T-Curve | Strongest

Fold the splint towards inside and bend the edges towards outside until a 90° angle is reached and a T-Curve formed. This shape guarantees maximum stability.

Individual splints



All models as Tactical version available upon request

Splint set

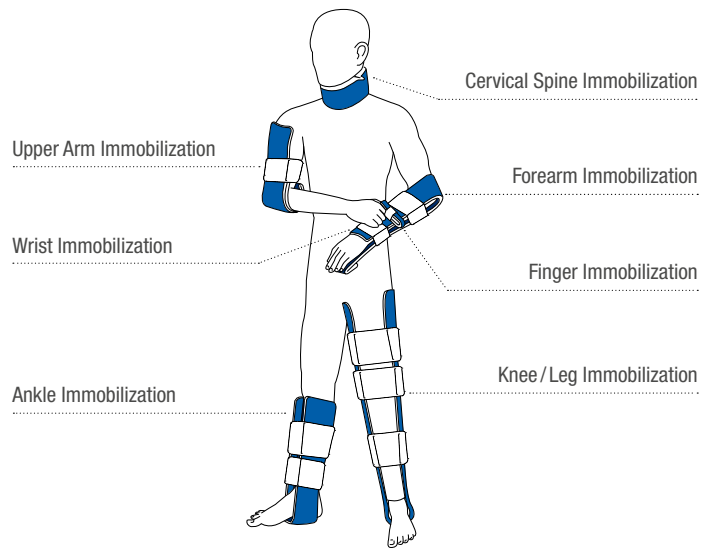
EASY-Splint Set containing 2 x XS, M and XL splints

Delivered in a Nylon case.



EASY Splint Single Items				
Size	Dimensions (W x H)	Weight	Type	Item No.
XS	5 x 11 cm	5 g	flat	① HIMT02-SP-XS
M	50 x 11 cm	80 g	rolled	② HIMT02-SP-M
XL	100 x 11 cm	160 g	rolled	③ HIMT02-SP-XL

EASY Splint Set and Set Replacement Splints				
Size	Dimensions (W x H)	Weight	Type	Item No.
2 x XS 1 x M 1 x XL	17.5 x 12 x 6 cm	313 g	Set	⑥ HIMT02-SP-SET1
XS	5 x 11 cm	5 g	folded / flat	① HIMT02-SP-XS
M	50 x 11 cm	80 g		④ HIMT02-SP-M-SET
XL	100 x 11 cm	160 g		⑤ HIMT02-SP-XL-SET



AERoresc®

AERoresc® - EASY Collar Adult and Mini | Cervical collar



Adjustable immobilization collar | Material: Polypropylene and Polyethylene

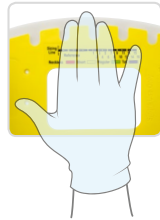
Adult - 4 color sizing ranges - Fine adjustment: Neckless | Short | Regular | Tall - 16 levels
 Mini - 3 color sizing ranges - Fine adjustment: Infant | Pediatric | Small Adult - 12 levels

- Space saving storage due to flat design | Chin piece flips up automatically
- Spacious access to tracheal area for airway management and palpation | Inspection of laryngeal airway
- Fixation option for endotrachealtube holders as well as O₂-tubing, etc.

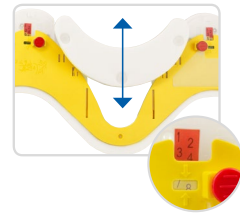
Easy Handling



1. Measure patient



2. Detect size



3. Adjust size



4. Lock

Fastening Hooks for O₂-tubing

- Left- and right-side
- Safe fixation of O₂-tubing

Flexible Size Adjustment

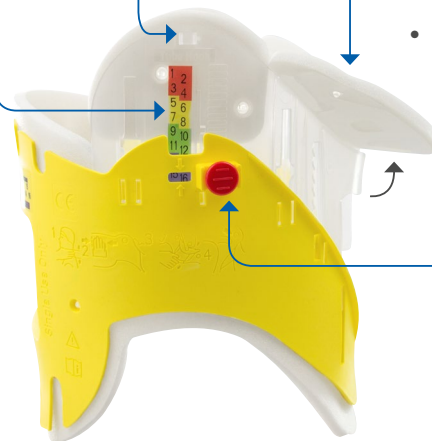
- Symmetrical size adjustment
- 16 level adult-version:
1-4 neckless | 5-8 short
9-12 regular | 13-16 tall
- 12 level mini-version:
1-4 infants | 5-8 children
9-12 small adults

Comfortable Chin Support

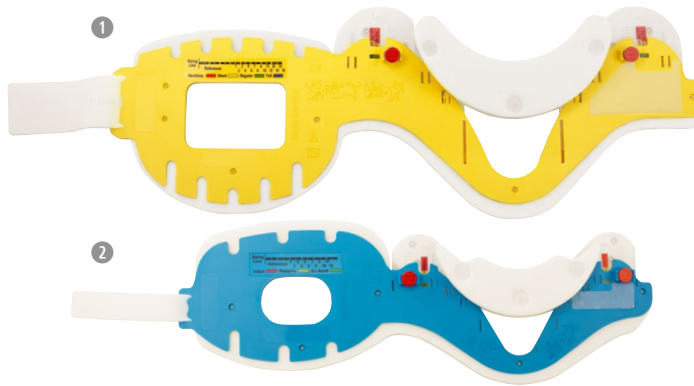
- Flips up automatically during application
- Anatomical and well-cushioned

Lock System

- Assures high stability
- Striking buttons for easy detection



Chin piece flips up automatically



Model Size	Dimensions (W x H)	Weight	Color	Item No.
Adult	approx. 57 x 18 cm	approx. 120 g	Yellow/White	① HIMT11-EC-E
Mini	approx. 45 x 14 cm	approx. 70 g	Blue/White	② HIMT11-EC-K

AEROsuc®

Suction - Electric | Pneumatic | Manual

No matter if used in homecare, hospital or emergency environments, our AEROsuc® - products, with devices and accessories for medical suction, are prepared for use in any of these specific fields.

AEROsuc® Electric Suction Units

AEROsuc® EASY Home are electric suction units developed for medical suction in hospital and homecare environments.

Powerful, hygienic, safe, simple and intuitive to use. Universal use for a gentle and reliable aspiration of secrete and fluids in airway regions as well as wound infection areas.

The EASY Home 2 device with integrated battery offers highest mobility and independence during use.

AEROsuc® Pneumatic Suction Devices

Our pneumatic suction devices can be operated with vacuum, air pressure or oxygen.

AEROsuc® - Suction Regulators are available in different options:

Different vacuum range | Different housing colors | Digital or analog manometer

AEROsuc® - Suction Injectors allow suction in environments without vacuum pipes, whereas the water manometer are specifically developed for the very sensitive area of thorax aspiration and neonatal care.

All our devices are available with a direct DIN gas probe (DIN 13260) or a pressure hose with DIN gas probe for flexible use on rail systems with a rail clamp.

AEROsuc® Manual Suction Devices

AEROsuc® - Manual Suction Devices are developed for mobile emergency use.

Once it has to go very quick, our manual suction devices are your reliable helper in emergency situations.

You can choose between a hand- and a foot operated version, depending on the user request.



AEROSuc® - EASY Home

Electric



Electrical suction units for use in medical environments (e.g. hospitals) and in homecare areas. For removal of secretions and fluids in airways as well as infected wound areas.

Available as power cord version "EASY Home 1" or with integrated battery "EASY Home 2".

Powerful and smooth running

- Max. Vacuum: 0.7 bar (530 mmHg)
- High Flow: > 20 lpm
- Low noise level: 55 dB +/- 5 %
- Battery operating time: approx. 50 min.



AEROSuc® - EASY Home 1
Power cord version



AEROSuc® - EASY Home 2
Battery version

Self explaining control panel

Combined operation elements in one window

- Toggle switch for easy On/Off-function
- Manometer display in bar and mmHg
- Continuous vacuum setting
- Battery status display (only battery version)



Intuitive use

Control panel EASY Home 2

Efficient and reliable



Double hygiene concept

1. Suction container with overflow protection

- 1000 ml volume
- Filling level scale (100 ml steps)
- Lockable lid opening for quick emptying and sample extraction
- Lockable patient connection
- Single patient multiple use

2. Suction filter

- Contamination protection



Scope of delivery:

- 1000 ml suction container
- 1.80 m PVC-suction tube
- Fingertip with finger mould and closing plug
- 5 spare air filters
- Bacterial filter
- 2 silicone connection tubes
- Power cord EU-type
- Transport bag
- Instructions for use



Specifications	Item No.	
	HAG03-HC1 (EASY Home 1)	HAG03-HC2 (EASY Home 2)
Dimensions (W x H x D)	36.4 x 21.3 x 17.5 cm	
Weight	2.40 kg	2.60 kg
Power cord	Input: 100-240 Volt ~ 50-60 Hz., 1.1 A; Output: 12 Volt === 4.0 A	
Direct Current (DC)	12 Volt 4.0 A	
Internal power source	-	Lithium-Ion-Battery: 11.1 V 4400 mAh
Battery charging time	-	8 hours
Battery operating time	-	approx. 50 min.
Max. Vacuum (at device inlet)	0.7 bar (530 mmHg)	
Vacuum range	0.16 bar up to 0.7 bar (125 mmHg - 530 mmHg)	
Max. Suction	> 20 lpm	
Noise level	55 dB +/- 5 % (from 1 m distance)	

AEROSuc® - Accessories / Spare Parts - Electric Suction Units Spare Parts - Electric Suction Units

Suction container, tubing, filter, transport bag for AEROSuc® - EASY Home electric suction units.



Item No.	Item description
① HAG03-HC-AS1	1.80 m PVC suction tubing with 2 funnel connectors
② HAU11-FT	Fingertip with finger mould and closing plug
③ HAS01-8/14-150-SET	2 pcs. silicone connecting tubes, ID 8 mm / OD 14 mm, 0.15 m length
④ HAG03-HC-GF/6	6 pcs. SET of device- /airfilters
⑤ HAG03-HC-AF	Bacterial- /Suction filter
⑥ HAG03-HC-NTEU	Power cord adapter EU, Input: 100-240 Volt ~ 50-60 Hz., 1.1 A; Output: 12 Volt DC 4.0 A
⑦ HAG03-HC-NSEU	Power cable EU
⑧ HAG03-HC-AA	12 V car adapter
⑨ HAG03-HC-GF-K	Filtercap for device- /air filter
⑩ HAG03-HC-AG1	Polycarbonate suction container with overflow protection, 1000 ml, polypropylen lid
⑪ HAG03-HC-T	Transport bag, black
HAG03-HC-MP6-SET1	6 Months maintenance package for AEROSuc® EASY Home, consisting of: 1 x suction container, 1 x suction tubing, 12 x suction filters, 1 x silicone connecting tubes-SET, 6 x device filters
HAG03-HC-PW-SET1	Maintenance package for patient exchange for AEROSuc® - EASY Home, consisting of: 1 x suction container, 1 x suction tubing, 1 x suction filter, 1 x silicone connecting tubes-SET, 1 x device filter, 1 x fingertip

AEROSuc® - Suction Regulators

Pneumatic

Suction regulators for medical or surgical suction, with DIN-plug VAC for connection with central gas outlets VAC in hospitals.

- Central regulation knob for continuous vacuum settings free rotatable no blocking through overwind possible only 2.5 rotations till reaching max. Vacuum level
- Big on-/off button for quick reset of former vacuum level settings
- Shatterproof 100 ml polycarbonate reservoir- / safety jar, autoclavable up to 134 °C

Available in different options:

- **Vacuum level:** 0-250 mbar | 0-600 mbar | 0-1000 mbar
- **Manometer:** analog or digital | **Housing:** yellow or grey
- **Connection:** Direct DIN-plug | 1.5 m pressure tube with DIN-plug and holder for rail clamps*

Patented 3 in 1 System



Standard operation mode

with safety jar and bacterial filter



Emergency operation mode

with bacterial filter



Emergency operation mode

with integrated tubing connector



Easy-Click lock

Release bottle:
Rotate and pull down

Install bottle:
Adapt bottle and rotate

Manometer digital or analogue



*Versions with pressure tube incl. wall rail clamp
Item No. HWS01-KLEK

AEROSuc®



Suction Regulator	Item No. "Analog Manometer"			
	① DIN-plug (DIN 13260)		② 1.5 m pressure tube with DIN-plug (DIN 13260)	
Vacuum Range	■ Grey	■ Yellow	■ Grey	■ Yellow
0 - 250 mbar	HAG02-C2RV-ZGA	HAG02-C2YRV-ZGA	HAG02-C2RVS-ZGA	HAG02-C2YRVS-ZGA
0 - 600 mbar	HAG02-C6RV-ZGA	HAG02-C6YRV-ZGA	HAG02-C6RVS-ZGA	HAG02-C6YRVS-ZGA
0 - 1000 mbar	HAG02-C10RV-ZGA	HAG02-C10YRV-ZGA	HAG02-C10RVS-ZGA	HAG02-C10YRVS-ZGA

Suction Regulator	Item No. "Digital Manometer"			
	③ DIN-plug (DIN 13260)		④ 1.5 m pressure tube with DIN-plug (DIN 13260)	
Vacuum Range	■ Grey	■ Yellow	■ Grey	■ Yellow
0 - 250 mbar	HAG02-CD2RV-ZGA	HAG02-CD2YRV-ZGA	HAG02-CD2RVS-ZGA	HAG02-CD2YRVS-ZGA
0 - 600 mbar	HAG02-CD6RV-ZGA	HAG02-CD6YRV-ZGA	HAG02-CD6RVS-ZGA	HAG02-CD6YRVS-ZGA
0 - 1000 mbar	HAG02-CD10RV-ZGA	HAG02-CD10YRV-ZGA	HAG02-CD10RVS-ZGA	HAG02-CD10YRVS-ZGA

AEROSuc® - Suction Injectors

Suction injectors for suction of fluids and secrete, with DIN-plug (AIR / O₂) for connection with DIN-Couplings respectively central gas outlets (AIR / O₂) in hospitals.

Suction available, also in areas without vacuum pipes.

- **Maximum vacuum 800 mbar** (± 50 mbar), flow 40 lpm, limited gas consumption to 60 lpm at 800 mbar
- High-performance silencer guarantees low noise operation
- Extremely robust anodized aluminium body and shatterproof 100 ml polycarbonate safety jar, autoclavable up to 134 °C.

Available in different options:

- With safety jar and filter ❶ | With separate tubing connector ❷
- Manometer: analog or digital | Housing: yellow or grey
- Connection: direct DIN-plug | 1.5 m pressure tube with DIN-plug and holder for rail clamps*

Pneumatic



Patented 3 in 1 System



Standard operation mode
with safety jar and bacterial filter



Emergency operation mode
with bacterial filter



Emergency operation mode
with integrated tubing connector



Easy-Click lock
Release bottle:
Rotate and pull down
Install bottle:
Adapt bottle and rotate



*Versions with pressure tube incl. wall rail clamp
Item No. HWS01-KLEK

Analog

Digital



Optional
150 ml safety jar (HAG02-RV150SI)



Optional for versions
❷ ❹ ❻ ❽

Suction Injector	Item No. "Analog Manometer"	
Outlet	DIN-plug (DIN 13260)	1.5 m pressure tube with DIN-plug (DIN 13260)
Safety jar and filter with connection nozzle	❶ HAG02-IRV-ZGA	❺ HAG02-IRVS-ZGA
Tubing connector	❷ HAG02-ISA-ZGA	❻ HAG02-ISAS-ZGA

Suction Injector	Item No. "Digital Manometer"	
Outlet	DIN-plug (DIN 13260)	1.5 m pressure tube with DIN-plug (DIN 13260)
Safety jar and filter with connection nozzle	❸ HAG02-IDRV-ZGA	❽ HAG02-IDRVS-ZGA
Tubing connector	❹ HAG02-IDSA-ZGA	❽ HAG02-IDSAS-ZGA

AEROSuc®

Portable suction devices equipped with AEROsuc® - Suction Regulators or AEROsuc® - Suction Injectors.

2 models with different suction devices:

- AEROsuc® - MobilControl - with AEROsuc® - Suction Regulators
Suction performance: 0 up to -250 mbar | 0 up to -600 mbar
 0 up to -1000 mbar
 Grey or Yellow | Analog manometer (digital available upon request)
- AEROsuc® - MobilInject - with AEROsuc® - Suction Injector
Suction performance: 0 up to -800 mbar
 Grey | Analog manometer (digital available upon request)

Devices consisting of:

- AEROsuc® - Double Bracket for 1000 ml and 2000 ml suction container, chromed, with integrated holder for wall rail clamps
- Suction regulator/-injector with 1.5 m pressure tube and DIN-plug incl. safety jar with bacterial filter
- 2 x AEROsuc® - 1000 ml or 2000 ml polysulfone suction container (autoclavable up to 134 °C) with 1 x pressure lid or screw lid with integrated overflow protection.
- 2 x AEROsuc® - Silicone connection tubes, 1 m length

AEROsuc® MobilControl



Grey or yellow housing available

AEROsuc® MobilInject



Suction container available with different lids



		Item No.					
		① Metal (Screw Fit)		② Polypropylene (Pressure Fit)		③ Silicone (Pressure Fit)	
Vacuum	Container	Grey	Yellow	Grey	Yellow	Grey	Yellow

AEROsuc® MobilControl with suction regulator

0-250 mbar	1000 ml	HAGM02-C2-1KD	HAGM02-C2Y-1KD	HAGM02-C2-1KP	HAGM02-C2Y-1KP	HAGM02-C2-1KS	HAGM02-C2Y-1KS
	2000 ml	HAGM02-C2-2D	HAGM02-C2Y-2D	HAGM02-C2-2P	HAGM02-C2Y-2P	HAGM02-C2-2S	HAGM02-C2Y-2S
0-600 mbar	1000 ml	HAGM02-C6-1KD	HAGM02-C6Y-1KD	HAGM02-C6-1KP	HAGM02-C6Y-1KP	HAGM02-C6-1KS	HAGM02-C6Y-1KS
	2000 ml	HAGM02-C6-2D	HAGM02-C6Y-2D	HAGM02-C6-2P	HAGM02-C6Y-2P	HAGM02-C6-2S	HAGM02-C6Y-2S
0-1000 mbar	1000 ml	HAGM02-C10-1KD	HAGM02-C10Y-1KD	HAGM02-C10-1KP	HAGM02-C10Y-1KP	HAGM02-C10-1KS	HAGM02-C10Y-1KS
	2000 ml	HAGM02-C10-2D	HAGM02-C10Y-2D	HAGM02-C10-2P	HAGM02-C10Y-2P	HAGM02-C10-2S	HAGM02-C10Y-2S

AEROsuc® MobilInject with suction injector

0-800 mbar	1000 ml	HAGM02-I-1KD		HAGM02-I-1KP		HAGM02-I-1KS	
	2000 ml	HAGM02-I-2D		HAGM02-I-2P		HAGM02-I-2S	

Mobile standing devices incl. AEROSuc® - Suction Regulators.

Devices equipped with:

- AEROSuc® - Safety transport trolley, chromed, with brackets for 2 suction container and tubulars
- AEROSuc® - Double bracket for tubulars, chromed, with integrated holders for rail clamps
- 2 x AEROSuc® - Tubulars 500 mm length, polycarbonate, for storage of suction catheters
- 2 x AEROSuc® - 1000 ml or 2000 ml polysulfone suction containers (autoclavable up to 134 °C), with 1 x pressure- or screw fit lid with intergrated overflow protection
- 2 x AEROSuc® - Silicone connection tubing, 1 m length

Available in different versions:

- AEROSuc® - Suction Regulator
Vacuum level: 0-250 mbar | 0-600 mbar | 0-1000 mbar
- Housing: Grey or yellow | Manometer: Analog (digital available upon request)
- Incl. safety jar with bacterial filter
- Connector: Pressure tube with DIN-plug (DIN 13260)

1000 ml or 2000 ml suction container with different lids available:

Screw fit lid metal



1

Pressure fit polypropylene



2

Pressure fit metal / silicone



3



Grey or yellow housing available



AEROSuc®

Item No.	Suction Regulator		Volume	Screw Fit Lid	Pressure Fit Lid	
	Color	Vacuum		1 Metal	2 Polypropylene	3 Silicone
	Grey	0 - 250 mbar	1000 ml	HAGS02-C2-1DKÖ	HAGS02-C2-1PKÖ	HAGS02-C2-1SKÖ
			2000 ml	HAGS02-C2-2DKÖ	HAGS02-C2-2PKÖ	HAGS02-C2-2SKÖ
		0 - 600 mbar	1000 ml	HAGS02-C6-1DKÖ	HAGS02-C6-1PKÖ	HAGS02-C6-1SKÖ
			2000 ml	HAGS02-C6-2DKÖ	HAGS02-C6-2PKÖ	HAGS02-C6-2SKÖ
		0 - 1000 mbar	1000 ml	HAGS02-C10-1DKÖ	HAGS02-C10-1PKÖ	HAGS02-C10-1SKÖ
			2000 ml	HAGS02-C10-2DKÖ	HAGS02-C10-2PKÖ	HAGS02-C10-2SKÖ
	Yellow	0 - 250 mbar	1000 ml	HAGS02-C2Y-1DKÖ	HAGS02-C2Y-1PKÖ	HAGS02-C2Y-1SKÖ
			2000 ml	HAGS02-C2Y-2DKÖ	HAGS02-C2Y-2PKÖ	HAGS02-C2Y-2SKÖ
		0 - 600 mbar	1000 ml	HAGS02-C6Y-1DKÖ	HAGS02-C6Y-1PKÖ	HAGS02-C6Y-1SKÖ
			2000 ml	HAGS02-C6Y-2DKÖ	HAGS02-C6Y-2PKÖ	HAGS02-C6Y-2SKÖ
		0 - 1000 mbar	1000 ml	HAGS02-C10Y-1DKÖ	HAGS02-C10Y-1PKÖ	HAGS02-C10Y-1SKÖ
			2000 ml	HAGS02-C10Y-2DKÖ	HAGS02-C10Y-2PKÖ	HAGS02-C10Y-2SKÖ

Safety jars, bacteria filter, silencer, analog and digital manometer and DIN-plugs.



Item No.	Item Description
1	HAG02-RV100SC 100 ml safety jar, autoclavable up to 134 °C, suitable for AEROsuc® - Suction Regulators and Suction Injectors
2	HAG02-RV150SI 150 ml safety jar, autoclavable up to 134 °C, suitable for AEROsuc® - Suction Injector versions with tubing connector
3	HAF03-RV Bacterial filter for safety jar HAG02-RV100SC
4	HAF03-M50 Suction filter membrane for safety jar HAG02-RV150SI
5	HWS01-KLEK Rail clamp, with insertion for holder
6	HAG02-I-SD Silencer for AEROsuc® - Suction Injectors
7	HAG02-VGA-SI Analog manometer for AEROsuc® - Suction Injectors
8	HAG02-VGD-SI Digital manometer for AEROsuc® - Suction Injectors
9	HAG02-VGA-250G-VR Analog manometer for AEROsuc® - Suction Regulator, 250 mbar, grey housing
9	HAG02-VGA-600G-VR Analog manometer for AEROsuc® - Suction Regulator, 600 mbar, grey housing
9	HAG02-VGA-1000G-VR Analog manometer for AEROsuc® - Suction Regulator, 1000 mbar, grey housing
10	HAG02-VGA-250Y-VR Analog manometer for AEROsuc® - Suction Regulator, 250 mbar, yellow housing
10	HAG02-VGA-600Y-VR Analog manometer for AEROsuc® - Suction Regulator, 600 mbar, yellow housing
10	HAG02-VGA-1000Y-VR Analog manometer for AEROsuc® - Suction Regulator, 1000 mbar, yellow housing
11	HAG02-VGD-250G-VR Digital manometer for AEROsuc® - Suction Regulator, 250 mbar, grey housing
11	HAG02-VGD-600G-VR Digital manometer for AEROsuc® - Suction Regulator, 600 mbar, grey housing
11	HAG02-VGD-1000G-VR Digital manometer for AEROsuc® - Suction Regulator, 1000 mbar, grey housing
12	HAG02-VGD-250Y-VR Digital manometer for AEROsuc® - Suction Regulator, 250 mbar, yellow housing
12	HAG02-VGD-600Y-VR Digital manometer for AEROsuc® - Suction Regulator, 600 mbar, yellow housing
12	HAG02-VGD-1000Y-VR Digital manometer for AEROsuc® - Suction Regulator, 1000 mbar, yellow housing
13	HAG02-O2/AIR-SI DIN-plug /combi plug AIR/O ₂ for AEROsuc® - Suction Injector
14	HAG02-VAC-VR DIN-plug for AEROsuc® - Suction Regulator
	HAG02-HVG-VR High Vacuum Grease for AEROsuc® - Suction Regulator

AEROSuc® - Water Manometer

Pneumatic

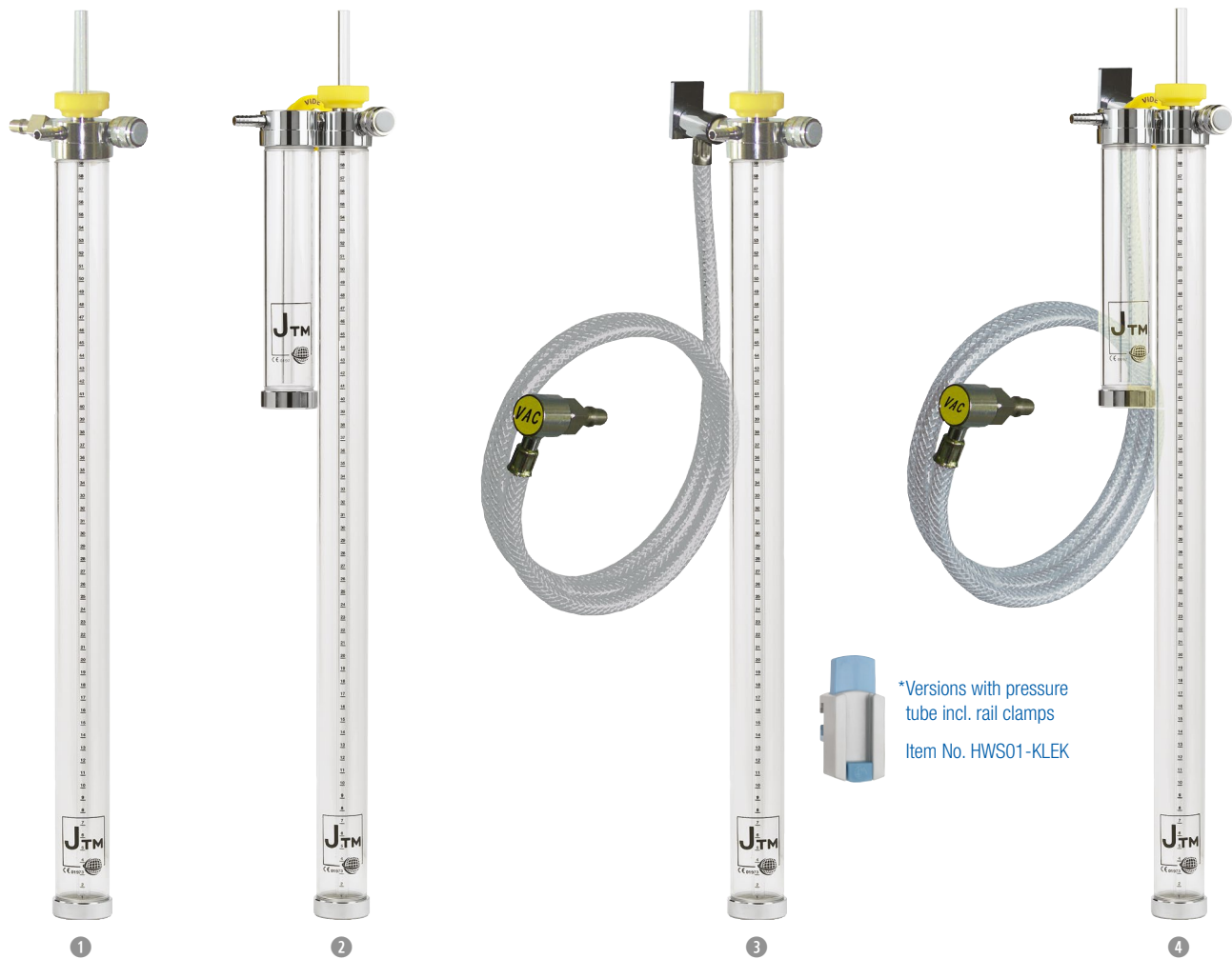
Water manometer with DIN-plugs for connection to ZGA-DIN-Couplings or central gas outlets/vacuum pipes in hospitals.

Suction with low vacuum, for thorax- and trachea-suction as well as for use in neonatology care.

- Measuring tube and scale in 1 cm steps - fine settings and steady visual control of vacuum level
- Housing and integrated high quality polycarbonate measuring tube, top- and bottom part of chromed brass material
- Autoclavable up to 121 °C

Available in different versions:

- 60 cm length, max. Vacuum 55 cmH₂O (approx. 54 mbar) | 100 cm length, max. Vacuum 88 cmH₂O (approx. 90 mbar)
- Single-tube water manometer | Double-tube water manometer
- Connector: Direct DIN-plug (DIN 13260) | Pressure tube with DIN-plug and holder for rail clamps for wall rail systems*



*Versions with pressure tube incl. rail clamps
Item No. HWS01-KLEK

Vacuum level	Length	Item No.			
		With DIN-plug (DIN 13260)		With 1.50 m pressure tube and DIN-plug (DIN 13260)	
		① Single tube	② Double tube	③ Single tube	④ Double tube
0-55 mbar	60 cm	HAG02-J55-ZGA	HAG02-JT55-ZGA	HAG02-J55S-ZGA	HAG02-JT55S-ZGA
0-90 mbar	100 cm	HAG02-J90-ZGA	HAG02-JT90-ZGA	HAG02-J90S-ZGA	HAG02-JT90S-ZGA

AEROSuc® - Spare Parts - Water Manometer

Spare Parts - Water Manometer 

High quality polycarbonate measuring - as well as housing tubes suitable for AEROSuc® - Water Manometer.

Item Description	Item No.
Measuring tube for HAG02-J55-ZGA, with scaling, 60 cm	HAG02-J55-M
Measuring tube for HAG02-J90-ZGA, with scaling, 100 cm	HAG02-J90-M
Housing tube for HAG02-J55-ZGA, with scaling, 60 cm	HAG02-J55-G
Housing tube for HAG02-J90-ZGA, with scaling, 100 cm	HAG02-J90-G

AEROSuc®

AEROSuc® - Suction Container | Container and Lids

Accessories - Pneumatic Suction Devices 

Suction container for pneumatic suction devices.

Available in different versions:

- 1000 ml | 2000 ml | 4000 ml
- Polysulfone version (autoclavable up to 134 °C) | Polycarbonate version (autoclavable up to 121 °C)
- All lids with integrated overflow protection -
- Optional: Screw fit lid (metal) | Pressure fit lid (polypropylene, silicone)
- With integrated holder for rail clamps* (all 1000 ml | 2000 ml)
for all other container a separate bracket is necessary

*Necessary accessory
Rail clamp
Item No. HWS01-KLEK



1000 ml - | 2000 ml - Polysulfone suction container



2000 ml - Polycarbonate suction container



AEROSuc®

Container complete with lids	Container		Screw Fit Lid		
	Material	Volume	Metal	Polypropylene	Silicone
Item No.	Polysulfone (134 °C)	1000 ml	① HAG02-1000KD-PSF	② HAG02-1000KP-PSF	③ HAG02-1000KS-PSF
		2000 ml	④ HAG02-2000D-PSF	⑤ HAG02-2000P-PSF	⑥ HAG02-2000S-PSF
		4000 ml	-	⑩ HAG02-4000P-PSF	-
	Polycarbonate (121 °C)	2000 ml	⑦ HAG02-2000D-PC	⑧ HAG02-2000P-PC	⑨ HAG02-2000S-PC
		4000 ml	-	⑪ HAG02-4000P-PC	-

Container

Material	Volume	Item No.
Polysulfone	1000 ml	HAG02-1000K-G-PSF
	2000 ml	HAG02-2000-G-PSF
	4000 ml	HAG02-4000-G-PSF
Polycarbonate	2000 ml	HAG02-2000-G-PC
	4000 ml	HAG02-4000-G-PC



Spare Parts - Suction Container

Lids	Screw Fit		Pressure Fit		Suitable for Suction Container
	① Metal	② Polypropylene	③ Silicone		
Item No.	HAG02-2000-DD-PSF	HAG02-2000-DP-PSF	HAG02-2000-DS-PSF		1000 ml 2000 ml
	-	HAG02-4000-DP	-		4000 ml

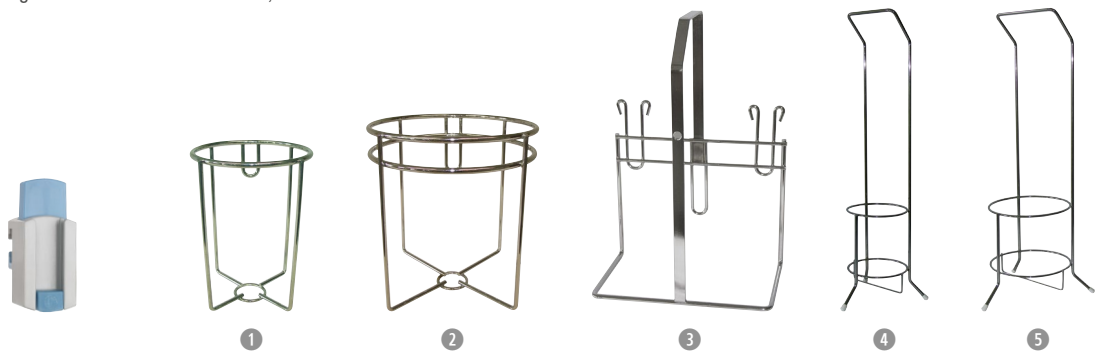
AEROSuc® - Brackets for Suction Container

Accessories - Suction Container 

Single-, double- or standing brackets for suction container, chromed.

*Necessary accessory
Rail clamp

Item No. HWS01-KLEK



Item No.	Item Description
① HAG02-2000-H	Bracket for 2000 ml suction container, with integrated holder for rail clamps*
② HAG02-4000-H	Bracket for 4000 ml suction container, with integrated holder for rail clamps*
③ HAG02-2000-H2	Double bracket for 1000 ml and 2000 ml suction container, with integrated holder for rail clamps*
④ HAG02-2000-HS	Standing bracket for 2000 ml suction container
⑤ HAG02-4000-HS	Standing bracket for 4000 ml suction container

AEROSuc® - Tubular-Sets and Spare Parts

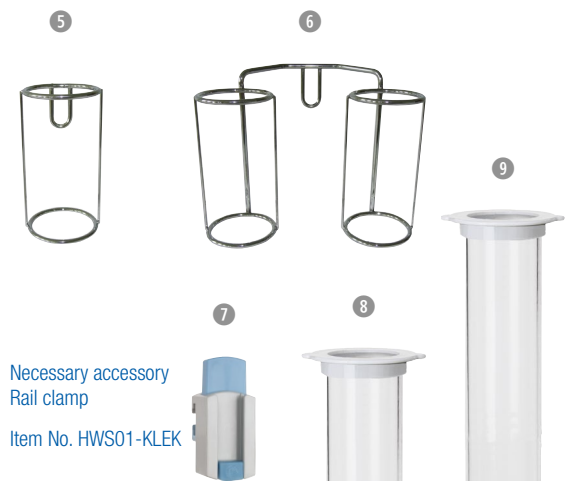
Polycarbonate tubulars, chromed single and double tubular brackets with integrated holder for rail clamps as well as tubular-sets for storage of suction catheter.

Tubular-sets with polycarbonate-tubulars in 400 mm or 500 mm length, rail clamp and chromed single- or double-bracket with integrated holder for rail clamps for storage of suction catheter.

Tubular-Sets



Spare parts



Necessary accessory
Rail clamp
Item No. HWS01-KLEK

	Item Description	Item No.
Tubular-Sets	Tubular 400 mm, holder and rail clamp	① HAG02-KÖ-400
	Tubular 500 mm, holder and rail clamp	② HAG02-KÖ-500
	Double-tubular 400 mm, double-bracket and rail clamp	③ HAG02-KÖ-400-H2
	Double-tubular 500 mm, double-bracket and rail clamp	④ HAG02-KÖ-500-H2
Tubular Holder Tubulars	Single-bracket	⑤ HAG02-KÖ-H
	Double-bracket	⑥ HAG02-KÖ-H2
	Rail clamp	⑦ HWS01-KLEK
	Tubular 400 mm	⑧ HAG02-KÖ-400/E
	Tubular 500 mm	⑨ HAG02-KÖ-500/E

AEROSuc® - Suction Catheter

Latex free PVC suction catheter, single sterile packed.







- 50 cm length
- Soft quality + - 2 Shore A 70
- Color coded funnel connectors in sizes CH 6 up to CH 18
- 2 lateral eyes, to avoid blockage of catheter top
- Central opening and atraumatic rounded tips to avoid irritation of mucous membranes



Funnel connector
color coded

Catheter tip

- 2 lateral eyes
- Central opening
- Atraumatic rounded

Ø (Ch.)	Color	Item No.
6	 Green	HAK11-50-06
8	 Blue	HAK11-50-08
10	 Black	HAK11-50-10
12	 White	HAK11-50-12
14	 Dark green	HAK11-50-14
16	 Orange	HAK11-50-16
18	 Red	HAK11-50-18



AEROSuc® - Silicone Suction Tubing

Silicone Suction Tubing

- Various diameter and wall thickness options
- 25 m rolls



Inner Diameter	Outer Diameter	Wall Thickness	Item No.
2.0 mm	4.0 mm	1.0 mm	HAS01-2/4
3.0 mm	5.0 mm	1.0 mm	HAS01-3/5
	7.0 mm	2.0 mm	HAS01-3/7
4.0 mm	6.0 mm	1.0 mm	HAS01-4/6
	7.0 mm	1.5 mm	HAS01-4/7
	8.0 mm	2.0 mm	HAS01-4/8
5.0 mm	8.0 mm	1.5 mm	HAS01-5/8
	9.0 mm	2.0 mm	HAS01-5/9
6.0 mm	9.0 mm	1.5 mm	HAS01-6/9
	10.0 mm	2.0 mm	HAS01-6/10
	12.0 mm	3.0 mm	HAS01-6/12
7.0 mm	10.0 mm	1.5 mm	HAS01-7/10
8.0 mm	12.0 mm	2.0 mm	HAS01-8/12
10.0 mm	14.0 mm	2.0 mm	HAS01-10/14
	16.0 mm	3.0 mm	HAS01-10/16
12.0 mm	17.0 mm	2.5 mm	HAS01-12/17
20.0 mm	24.0 mm	2.0 mm	HAS01-20/24

AEROSuc®

AEROSuc® - Suction Tubing

PVC suction tubing with funnel connector and fingertip, CH 25, 200 cm length.



Different length, carriers and connectors available upon request.

Item No.
HAS02-25-200-TK/FT

AEROSuc® - Fingertip

Fingertip for vacuum control, for usage between suction catheter and suction tubing.



Item Description	Item No.
Fingertip with finger mould and closing plug	① HAU11-FT
Fingertip with dosage tip and hook for rail systems	② HAU01-DTS
Fingertip with finger mould and hook for rail systems	③ HAU01-FMS

AEROSUC® - VacUp

Power supply independent secrete foot suction pump for emergency situations, for foot- and hand-use.

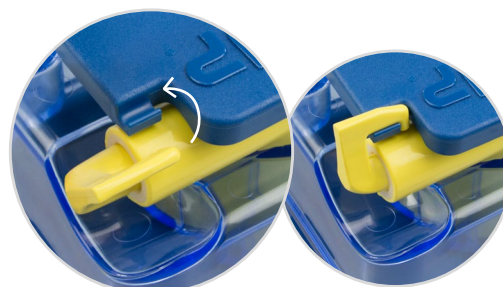
Advantages:

- Max. Vacuum -0.82 bar | max. suction capacity 72 lpm
- 650 ml suction container with overflow protection valve
- Incl. 1300 mm suction tubing (Ø 8 mm)
- High quality materials | autoclavable up to 121° C
- Can also be used for evacuating vacuum mattresses

1 Retaining clip – 2 Functions

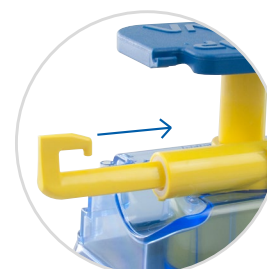
1. Adjustment of Pedal

For space saving storage



2. Emptying Vacuum Chamber

Pressure reduction and emptying vacuum chamber by complete insertion



Slot for an additional collection container

AEROSUC®

Max. Vacuum	Max. Suction	Weight	Dimensions (W x H x D)	Item No.
0.82 bar (615 mmHg)	72 lpm	850 g	180 x 130 x 110 mm	HAG01-FP

AEROSUC® - VacUp

The table shows each single component spare part.

Spare Parts - Foot Suction Pump



Item Description	Item No.
Vacuum Pump	① HAG01-FP-VP
Filter	② HAG01-FP-F
Container Sealing	③ HAG01-FP-D
650 ml Container, polycarbonate	④ HAG01-FP-AB
Ball	⑤ HAG01-FP-K
Container Lid	⑥ HAG01-FP-AB-D
Tubing	⑦ HAG01-FP-S
Tubing Connector	⑧ HAG01-FP-SV

AEROsuc® - Rescue

Maintenance free, power supply independent hand-use suction pump for emergency situations.

- High performance at max. pressure of 0.6 bar with suction performance of >20 lpm
- 300 ml suction container with overfilling protection valve
- Incl. suction tubing in size L (adults) and size S (children)
- Fits in most common emergency bags / backpacks

Sealing system at pump inlet

Maximum performance through perfect fit of suction container



Sealing ring at pump inlet

Simple use



Scope of delivery:

Incl. suction tubing size L and S as well as adapter for suction catheter



Protection System

One Way Valve Technology



Overflow Protection
Protection from contamination



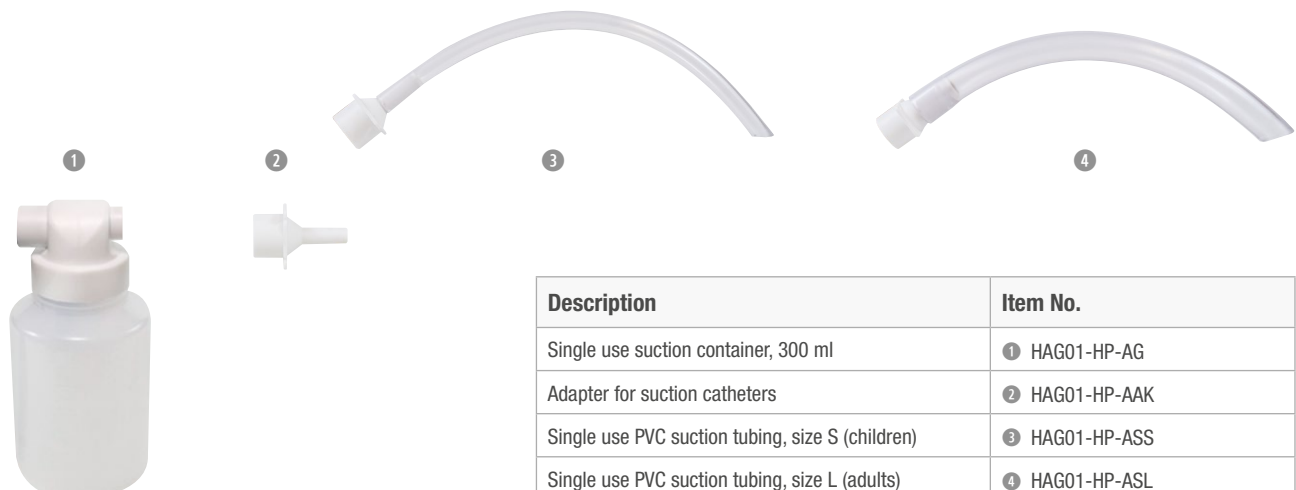
Valve Cap
Flow protection towards patient

Max. Vacuum	Max. Suction	Weight	Dimensions (W x H x D)	Item No.
0.6 bar (450 mmHg)	> 20 lpm	275 g	180 x 220 x 70 mm	HAG01-HP

AEROsuc® - Rescue

Spare Parts - Hand-Use Suction Pump

The table shows each single component spare part.



Description	Item No.
Single use suction container, 300 ml	① HAG01-HP-AG
Adapter for suction catheters	② HAG01-HP-AAK
Single use PVC suction tubing, size S (children)	③ HAG01-HP-ASS
Single use PVC suction tubing, size L (adults)	④ HAG01-HP-ASL

AEROtreat®

Oxygen Therapy Treatment Solutions

AEROtreat® Oxygen Therapy Devices, portable or mobile standing devices, cover a wide application spectrum. The O₂-Therapy solutions by HUM provide optimal O₂-Care.

AEROtreat® - Mobil (Portable Oxygen Devices)

Be independent and mobile with our portable O₂-Devices. Simplest operation provide the necessary safety and quality of life for the user.

Our oxygen conserving AEROtreat® - Mobil^{EOC} System supports the end user as well as the cost carrying institution. The high oxygen saving ratio of 7:1 extends the patients social mobile radius and at the same time saves money.

AEROtreat® - Basis | Standard | Care | Rescue (Mobile Oxygen Standing Devices)

Our devices offer highest application flexibility at patients home, nursing- and elderly homes as well as at doctors offices and hospitals. You can choose between only O₂-Inhalation or extra suction and resuscitation option. Additional connection options are offered by our optional DIN-Couplings or separate, lockable inhalation outlets.

The different application options of AEROWay® - pressure reducers provide every patient - adult, child or baby - the suitable O₂-Therapy solution.



Portable Oxygen-Conserving-System for a mobile long-term oxygen therapy.

Electronic Oxygen-Conserving

Enormous cost saving and extended mobility through inspiratory controlled O₂-Delivery

- **O₂-Saving ratio up to 7:1** (at a breath frequency of 15 breaths/min.)
- Wide therapy spectrum: 16 programming steps from 0.5 up to 8 lpm
- Continuous flow available through integrated permanent flow adapter
- Intelligent acoustic and optic alarm management
- Easy to read LCD-display, simple 2-button operation, up to 175 hours battery duration time



Complete Conserving-System SET consisting of:

- AEROWay® - EOC Electronic Oxygen Conserving
- AEROWay® - Fix I EOC Pressure Reducer, fix setup 1.6 bar | 6 lpm
- AEROWay® - Coiled tubing with UNF 9/16" connector and quick-coupling connection
- AEROWay® - Permanent flow adapter for emergency set up
- AEROPart® - O₂-Cannula with 2 m safety tube, for adults
- AEROTreat® - Black nylon carrying bag with shoulder- and backstraps as well as a trolley application possibility
- 2 l O₂-Cylinder of lightweight steel or lightweight aluminum material

Item No.	O ₂ -Cylinder		
	2 l lightweight steel	2 l lightweight aluminium	Without cylinder
HM11-EOC-2	HM11-EOC-2-LA	HM01-EOC	

Portable O₂-Devices for mobile use and short term O₂-Inhalation. With different AEROWay® - Fast pressure reducer and O₂-Cylinders.

Short term adjustable O₂-Inhalation for therapy- and emergency situations

Complete O₂-Solution consisting of:

- AEROWay® - Fast Pressure Reducer, gradual adjustment according to data below
- AEROPart® - O₂-Mask, with 2 m safety tube, for adults
- AEROTreat® - Black polyester bag with back- and shoulder straps as well as trolley application possibility
- O₂-Cylinder of lightweight steel or lightweight aluminum material



AEROWay® Fast Pressure Reducer with Easy-Click setting "option" Regulator button with 2 setting displays (lateral and frontal)



AEROTreat® - Mobil ^{Fix}					
O ₂ -Cylinder					
Item No.	O ₂ -Flow Flow-Steps	2 l Light-weight Steel	2 l Lightweight Aluminium	0.8 l Light-weight Steel	Without Cylinder
		1 lpm 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1 lpm	HM11-1-2	HM11-1-2-LA	HM11-1-08
5 lpm 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 lpm	HM11-5-2	HM11-5-2-LA	HM11-5-08	HM01-5	
15 lpm 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm	HM11-15-2	HM11-15-2-LA	HM11-15-08	HM01-15	

AEROtreat® - MobilFix I

O₂-Flow **fixed**

Portable O₂-Devices for a mobile, fast and short term O₂-Inhalation.
Different AEROWay® - Fix I Pressure Reducer and O₂-Cylinder options.

Short term O₂-Inhalation for therapy- and emergency situations

Complete O₂-Device consisting of:

- AEROWay® - Fix I Pressure Reducer fixed flow according to data below
- AEROpert® - O₂-Mask with 2 m safety tube, for adults
- AEROtreat® - Black polyester bag with back- and shoulder straps as well as trolley application possibility
- O₂-Cylinder of lightweight steel or lightweight aluminum material



AEROWay® Fix I Pressure Reducer with a small body and short connection bolt

AEROtreat® - MobilFix					
O ₂ -Cylinder					
	O ₂ -Flow	2 l Lightweight Steel	2 l Lightweight Aluminium	0.8 l Lightweight Steel	Without cylinder
Item No.	4 lpm	HM11-4-2	HM11-4-2-LA	HM11-4-08	HM01-4
	6 lpm	HM11-6-2	HM11-6-2-LA	HM11-6-08	HM01-6
	8 lpm	HM11-8-2	HM11-8-2-LA	HM11-8-08	HM01-8
	10 lpm	HM11-10-2	HM11-10-2-LA	HM11-10-08	HM01-10

AEROtreat® - Carrying Bags and Transport Caddy

Spare Parts - Portable O₂-Devices 

Carrying bags with shoulder- and back straps for portable O₂-Devices e.g. AEROtreat® - Mobil and transport caddy.
Transport caddy with height adjustable handle and smooth-rolling wheels for AEROtreat® - Mobil.

Spare Parts - Portable O₂-Devices



Item No.	Material	Color	Dimensions (W x H x D)	Weight
① HT01	Polyester	Black	approx. 48 x 22 x 11 cm	approx. 0.9 kg
② HT02-OBH	Nylon	Black	approx. 25 x 50 x 13 cm	approx. 1.6 kg
③ HC01	Metal	White	approx. 32 x 80 x 32 cm height adjustable up to 100 cm	approx. 4.0 kg

AEROpert® - O₂-Cannula with "FireSafe®"

Accessories - O₂-Devices 

O₂-Cannula with short tube and FireSafe® connector.

Thermal Valve

Closes and interrupts the O₂-Flow at inflammation.



AEROpert®-Set, with	Item No.
O ₂ -Cannula adults with 0.33 m tube ② FireSafe® connector ① O ₂ safety tube 2 m ③	HSB11-E-FS-SET1

AERObreat® - Basis and Standard

Mobile O₂-Standing devices and armatures for O₂-Inhalation.

O₂-Inhalation up to 15 lpm

2 models with different pressure reducers according to data below:

- AERObreat® - Basis - Standing Devices | Armatures with AEROWay® - Fast Pressure Reducer
O₂-Flow gradually adjustable
- AERObreat® - Standard - Standing Devices | Armatures with AEROWay® - Fine Pressure Reducer
O₂-Flow continuously adjustable

Armatures consisting of:

- AEROWay® - Fast Pressure Regulator, flow gradually adjustable (Basis) or AEROWay® - Fine Pressure Regulator, flow continuously adjustable (Standard)
- AEROpArt® - O₂-Mask with 2 m safety tube, for adults
- AEROpArt® - Disposable Humidifier 350 ml

Complete O₂-Standing Devices additionally equipped with:

- AERObreat® - Safety Transport Trolley (big 75 mm double roll wheels)
- AERObreat® - Protective Cylinder Cover
- With or without 10 Liter O₂-Cylinder

1 AERObreat® - Basis



2 AERObreat® - Standard



Big 75 mm double roll wheels

AERObreat® - Basis				
1 Standing Devices				Armatures
O ₂ -Flow Flow-Steps	10 l O ₂ Lightweight Steel Cylinder	Without Cylinder		
Item No.	1 lpm 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1 lpm	HST01-1-FL	HST01-1	HAR01-1
	5 lpm 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 lpm	HST01-5-FL	HST01-5	HAR01-5
	15 lpm 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm	HST01-15-FL	HST01-15	HAR01-15

AERObreat® - Standard				
2 Standing Devices				Armatures
O ₂ -Flow Flow-Steps	10 l O ₂ Lightweight Steel Cylinder	Without Cylinder		
Item No.	15 lpm O ₂ -Flow continuously adjustable	HST00-15-FL	HST00-15	HAR00-15

AERObreat®

AEROtreat® - Rescue^{Fast}

Mobile O₂-Standing Devices for nursing care- and/or emergency situations.

O₂-Inhalation up to 15 lpm | Adjustable Suction | Resuscitation

AEROtreat® - Rescue^{Fast} is equipped with:

- AEROWay® - Fast 15-PSB Pressure Reducer, 15 lpm (HDM01-15-PSB), additional outlets: DIN-coupling (DIN 13260) | Resuscitation 15 lpm
- AEROSuc® - Suction Injector (HAG02-IRV-ZGA), suction continuously adjustable up to -800 mbar

Additional equipment:

- AEROSuc® - Suction Container 1000 ml, polysulfone, autoclavable, incl. silicone tubing SET
- AEROPart® - Humidifier, autoclavable
- AEROPart® - O₂-Mask for adults, with 2 m safety tube and reservoir bag
- AEROtreat® - Safety Transport Trolley (big 75 mm double roll wheels), incl. mounting rail and universal rail clamp
- AEROtreat® - Safety Cylinder Cover for 10 l O₂-Cylinders
- Available with or without 10 l O₂ Cylinder
- AERObag® - Reusable Silicone Manual Resuscitator for adults, incl. resuscitation mask size 5, O₂ safety tube 2 m and reservoir bag

O₂-Flow gradually adjustable

AEROSuc® - Suction Injector

Suction Injector adjustable up to -800 mbar



Manometer and overflow safety jar 90° rotatable

AEROWay® - Pressure Reducer

Resuscitation Outlet with fix flow of 15 lpm, lockable "open/close"

DIN 13260 Outlet (for suction injectors)



AERObag® - Manual Resuscitator

Reusable Silicone Manual Resuscitator with resuscitation mask size 5 and reservoir bag



Big 75 mm double roll wheels

Intake valve (integrated reservoir valve)



Pressure relief valve



2 AEROtreat® - Rescue ^{Fast}			
	O ₂ -Flow Flow-Steps	10 l O ₂ Lightweight Steel Cylinder	Without cylinder
Item No.	15 lpm 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm	HST01-15-AB-FL	HST01-15-AB

Mobile O₂-Standing Devices for nursing care.



Fixed suction, settings "open/closed"

Big 75 mm double roll wheels

O₂-Inhalation up to 15 lpm | Fixed suction

AEROTreat® - Care^{Fast} is equipped with:

- AEROWay® - Fast 15-V Pressure Reducer, 15 lpm (HDM01-15-V), additional outlet for screwed suction injector, suction adjustable "open/closed"

Additional Equipment:

- AEROSuc® - Suction Container 1000 ml, polysulfone, autoclavable, incl. silicone tubing SET
- AEROpArt® - Humidifier, autoclavable
- AEROpArt® - O₂-Mask for adults, with 2 m safety tube and reservoir bag
- AEROTreat® - Safety Transport Trolley (big 75 mm double roll wheels), incl. mounting rail and universal rail clamp
- AEROTreat® - Protective Cylinder Cover for 10 l O₂-Cylinders
- Available with or without 10 l cylinder

				AEROTreat® - Care^{Fast}	
		O₂-Flow Flow-Steps	10 l O₂ Lightweight Steel Cylinder	Without Cylinder	
Item No.	15 lpm	0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm	HST01-15-A-FL	HST01-15-A	

AEROTreat® - Safety Transport Trolley Protective Cylinder Cover | Mounting Rail 

Spare Parts - O₂-Standing Devices 

Safety transport trolley for mobile O₂-Standing devices, protective cylinder cover and mounting rail.



Item Description	Item No.
Safety Transport Trolley for mobile O ₂ -Standing devices, white, 5 footed one-piece aluminium foot cross, lockable 75 mm double roll wheels, push rod incl. handle, deposit plate and wide fixation strap for 10 l O ₂ -Cylinders.	① HFG01
Protective Cylinder Cover for 10 l O ₂ -Cylinders, white, with cover and opening for cylinder valve and/or pressure reducers	② HFM01
High-grade steel rail mounting, for attachment of further accessories on AEROTreat® Safety Transport Trolleys, like e.g. suction container	③ HFG01-GS

*You can find additional accessories for mobile O₂-Standing devices like application aids (e.g. O₂-Cannulas, -masks) or humidifiers for O₂-Therapy or suction containers and suction tubing for suction applications in our AEROpArt® and AEROSuc® catalogue segments

AEROTreat® - MobilTPS

Carrying platform systems with gradually adjustable flow or fix pressure settings, in different configurations with a variety of pressure reducer, application accessories and 2 l O₂-Cylinders.

AEROTreat® - TPS 12-15PS, Carrying Platform System 0-15 lpm consisting of:

- AEROTreat® - Carrying Platform for 2 l O₂-Cylinders, with universal clamp for rail systems/hospital beds
- AEROWay® - Fast 15-PS Pressure Reducer 0-15 lpm (HDM01-15-PS), separate coupling DIN 13260
- AEROPart® - O₂-Mask for adults, with 2 m safety tube and reservoir bag
- 2 l O₂-Cylinder

Description	Item No.
AEROTreat®-TPS 12-15PS	1 HTPS01-2-15PS



O₂-Inhalation up to 15 lpm
5 bar device outlet (coupling DIN 13260)

- Gradually adjustable flow:
0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm
- Separate DIN 13260 coupling
- Dimensions (W x H x D): 20 x 39 x 19.5 cm

AEROTreat® - TPS 12-5.0PS, Carrying Platform System 5 bar consisting of:

- AEROTreat® - Carrying Platform for 2 l O₂-Cylinders, with universal clamp for rail systems/hospital beds
- AEROWay® - Fix II 5.0-PS Pressure Reducer fixed to 5.0 bar/180 lpm (HDM02-5.0-PS), separate outlet DIN 13260
- AEROWay® - Barbed hose adapter, brass nickel-plated, with seal ring, moveable, suitable for 6 mm tubing
- 2 l O₂-cylinder

Description	Item No.
AEROTreat®-TPS 12-5.0PS	2 HTPS01-2-5.0PS



5 bar device outlet (screw G 3/8")
5 bar device outlet (according DIN 13260)

- Fixed pressure at 5 bar (180 lpm)
- Separate DIN 13260 coupling
- Dimensions (W x H x D): 20 x 39 x 19.5 cm

AEROTreat® - TPS 22S-15V, Carrying Platform System 0-15 lpm consisting of:

- AEROTreat® - Carrying Platform for 2 l O₂-Cylinders, with rail for DIN clamps for mounting of different devices e.g. suction container incl. bracket, with clamp for rail systems/hospital beds
- AEROWay® - Fast Pressure Reducer, 0-15 lpm (HDM01-15-V), separate outlet for screwed suction injectors, suction adjustable "open/closed"
- AEROPart® - O₂-Mask for adults, with 2 m safety tube and reservoir bag
- AEROSuc® - 1000 ml suction container, polysulfone, autoclavable, incl. silicone tubing SET
- Universal Clamp HWS01-KLEK, with included rail system plug
- 2 l O₂-Cylinder

Description	Item No.
AEROTreat®-TPS 22S-15V	3 HTPS02-2S-15V

O₂-Inhalation up to 15 lpm
suction adjustable "open/closed"



- Gradually adjustable flow:
0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm
- Fixed suction
- Dimensions (W x H x D): 40 x 39 x 19.5 cm

AEROTreat® - Carrying Platform Systems

Carrying platform for 2 l O₂-Cylinders, with clamp for rail mounting or on hospital beds. Available as model with O₂-Cylinder holder option only or additionally equipped with separate rail for DIN-clamps to attach additional devices e.g. suction container with bracket.

Spare Parts - Carrying Platform Systems



Dimensions (W x H x D): 20 x 39 x 19.5 cm

Description	Item No.
AEROTreat®-TP 12	1 HTP01-2



Dimensions (W x H x D): 40 x 39 x 19.5 cm

Description	Item No.
AEROTreat®-TP 22S	2 HTP02-2S

AEROWay®

Compressor-Nebulizer | Pressure Reducer | Flow Regulator | Flowmeter

AEROWay® - EASY Breeze CN1 Compressor-Nebulizer

Compact compressor operated inhalation device. Ideal for treating the upper and lower airways during cold-, asthma- or other airway therapies. High nebulization rate, high percentage of inhaled particles, medication saving button (trigger function) and the additional airways training function are just some of the arguments that speak for the EAZY Breeze CN1.

AEROWay® Pressure Reducer, Flow Regulator and Flowmeter

Precision, excellent visibility of the flow settings as well as “small, light and reliable” are characteristics which our customers always refer to our AEROWay® pressure reducers. You will benefit from the versatile application possibilities in the areas of homecare, rescue services and hospital. You can choose between models with continuous, gradual or fixed O₂ delivery.

AEROWay® Fine and Fine-ZGA

Precise flows are guaranteed with our continuously adjustable AEROWay® - fine pressure reducers and flowmeters. Available are pressure reducers with pressure-compensated flowmeter (for O₂ cylinders) as well as pressure-compensated flowmeters for DIN couplings (DIN 13260)/central gas systems (ZGA).

AEROWay® Fast and Fast-ZGA

Precision pressure reducers and flow regulators for a continuous O₂ delivery with the approved “Easy-Click” setting (lockable dial head with clear visibility of the flow settings). Here again, you have the choice between pressure reducers for O₂ cylinders as well as flow regulators for DIN couplings (DIN 13260)/central gas systems (ZGA).

AEROWay® Fix I and Fix II

Small, handy pressure reducers with fixed flow 2, 4, 5, 6, 8 or 10 lpm (Fix I) or with fixed pressure of 1.6 bar (Fix I) and 3.5 bar, 4.5 bar or 5 bar (Fix II) for operation/supply of medical devices.

AEROWay® Distributors and Distributor Bars

Use our AEROWay® distributors and distributor bars for feeding, delivery and forwarding of medical gases or for distribution of medical gases into several different outlets, such as for flow regulators and/or additional DIN couplings (DIN 13260).



AEROWay® - EASY Breeze CN1



Compressor nebulizer for the therapy of the upper and lower respiratory tracts in colds, asthma or other respiratory diseases.

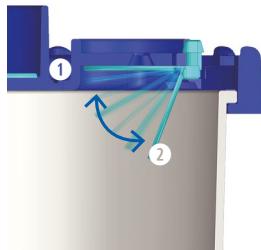
- High fine particle fraction | Fine particle fraction < 5 µm depending on cone at 70 % or 59 %
- Short inhalation times due to high nebulization rate of 0.3 ml per minute
- No waste of medicine thanks to medication saving button (trigger function)
- Additional breathing trainer function
- Low noise level: approx. 56 dBA
- Small, compact design
- Balanced and comfortable handle
- Extensive accessories, including storage case
- Application for children and adults



Application with mouthpiece



Nebulizer Features



Automatic adjustment of the nebulization rate:

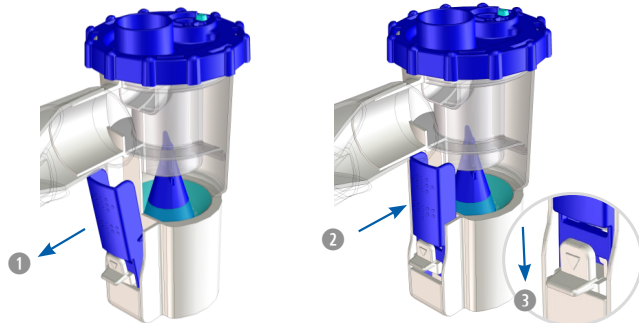
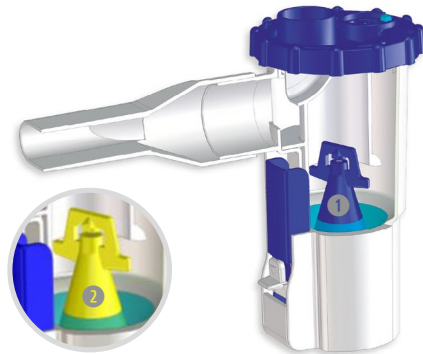
- 1 Valve closes during inhalation breaks:
Nebulization rate approx. 0.15 ml per minute (NaCl 0.9 %)
- 2 Valve opens during inhalation:
Nebulization rate approx. 0.3 ml per minute (NaCl 0.9 %)

2 Nebulization cones with different particle sizes

For differentiated treatment of the upper and lower respiratory tract

Optimum particle spectrum at short inhalation time,
e.g. during colds, acute and chronic bronchitis, asthma bronchiale and COPD, allergic bronchial asthma, emphysema, pneumonia, tracheotomy

- 1 Blue: Optimized for upper and middle respiratory tract areas
- 2 Yellow: Optimized for middle and lower respiratory tract areas



Medication saving button with 2 modes

No medicine loss to the environment

- 1 Interruption of nebulization
- 2 Trigger function for activating nebulization when required
- 3 Continuous nebulization by snapping the locking button

Additional breathing trainer function

Ideal for breathing training and mucous solution for patients with mucoviscidosis or lung diseases with secretion

- 1 Attach the PEP valve to the expiratory valve of the nebulizer
- 2 Increase of the exhalation resistance to approx. 10 mbar (10cm H₂O)



Specifications		Item No.
		HIG01-CN1-1
Blue Nebulization cone	Particle size (MMAD) *	3.3 µm
	Fine particle fraction (FPF) < 5 µm*	70 %
Yellow Nebulization cone	Particle size (MMAD) *	4.3 µm
	Fine particle fraction (FPF) < 5 µm*	59 %
Nebulization rate		0.3 ml per minute
Power supply		230V - 50 Hz 180 VA
Compressor airflow		5 - 8 lpm
Operating pressure		0.55 bar – 0.93 bar
Nebulizer filling volume		min. 2 ml max. 6 ml
Noise level		approx. 56 dBA +/- 5 % (from 1 m distance)
Dimensions		approx. 17.4 x 14.6 x 12.0 cm
Weight		approx. 1.28 kg

Integrated holder for nebulizer



Optimal usability by patient-facing controls



Balanced and comfortable handle

* Tested according the newest standard EN 13544-1:2007+A1:2009

Scope of delivery:

- Compressor
- Nebulizer with 6 ml max. filling volume
- Nebulizer mouthpiece
- 2 m air safety tube
- PVC adult mask
- PVC child mask
- 2 Nebulization cones (for different particle sizes)
- 5 air filters
- PEP valve
- Transport and storage case



AEROWay® - Accessories / Spare Parts - Compressor-Nebulizer

Nebulizer, air tube, PVC masks, mouthpiece, nebulization cones, air filters, transport case for compressor-nebulizer AEROWay® - EASY Breeze CN1.



Item No.	Item Description
① HIG01-CN1-V1	Nebulizer with 6 ml max. volumen
② HIG01-CN1-ME1	PVC adult mask
③ HIG01-CN1-MK1	PVC child mask
④ HIG01-CN1-VMST1	Nebulizer mouthpiece
⑤ HIG01-CN1-SS1	2 m air safety tube
⑥ HIG01-CN1-DS1	Cone set consisting of 1 blue cone and 1 yellow cone for different particle sizes
⑦ HIG01-CN1-GF/6	Air filter (6 pcs.)
⑧ HIG01-CN1-T1	Transport case, black
HIG01-CN1-MP12-1	12 months maintenance pack for AEROWay® - EASY Breeze CN1, consisting of nebulizer, adult mask, child mask, mouthpiece, air tube, 12 air filters

AEROWay®

AEROWay® - Fine-ZGA Flowmeter

O₂-Flow continuously adjustable

Pressure compensated flowmeter for connection to DIN-couplings (DIN 13260) or central gas outlets in emergency vehicles and hospitals.

- Constant and precise flow, continuously adjustable
- Connections: Inlet DIN-plug DIN 13260 | UNF 9/16" outlet
- Inlet pressure 4.5 bar
- Robust body of plated brass material
- Flowmeter housing of stable polycarbonate
- Integrated sinter filter

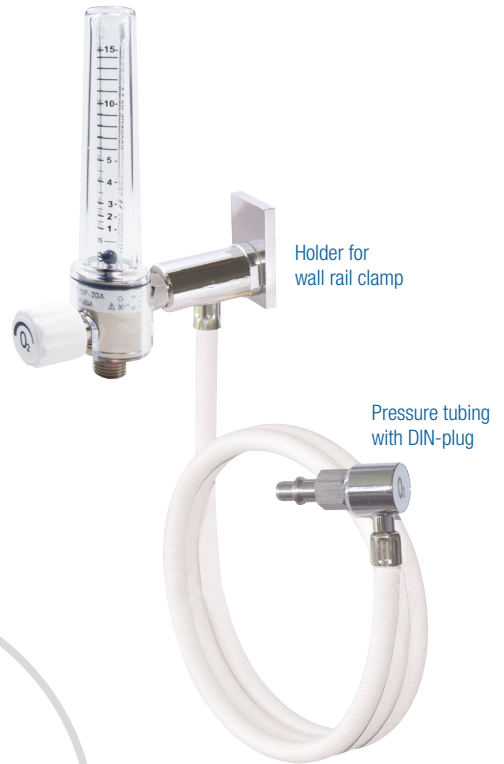
In different versions available:

- Gas options: Oxygen (O₂) | Medical pressure air (AIR) | Neutral housing colour (O₂)
- Inlet connector: Direct connection DIN-plug 13260 (DIN 13260)
1.5 m pressure tubing with DIN-plug and holder for wall rail clamp*



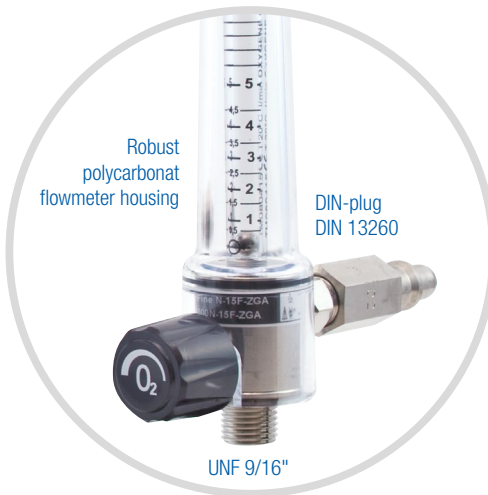
O₂ standard

* Versions with pressure tubing incl. wall rail clamp
Art.-Nr. HWS01-KLEK



Holder for wall rail clamp

Pressure tubing with DIN-plug



Robust polycarbonat flowmeter housing

DIN-plug DIN 13260

UNF 9/16"



O₂ neutral labelling color



Air standard

Single Flowmeter

		Flow				Item No.	
		1.5 lpm	5.0 lpm	15.0 lpm	30.0 lpm	DIN-plug (DIN 13260)	1.5 m pressure tubing with DIN-plug (DIN 13260)
O ₂	Standard 1	✓				HDM00-1.5F-ZGA	HDM00-1.5FS-ZGA
			✓			HDM00-5F-ZGA	HDM00-5FS-ZGA
				✓		HDM00-15F-ZGA	HDM00-15FS-ZGA
					✓	HDM00-30F-ZGA	HDM00-30FS-ZGA
O ₂	Neutral 2	✓				HDM00N-1.5F-ZGA	HDM00N-1.5FS-ZGA
			✓			HDM00N-5F-ZGA	HDM00N-5FS-ZGA
				✓		HDM00N-15F-ZGA	HDM00N-15FS-ZGA
					✓	HDM00N-30F-ZGA	HDM00N-30FS-ZGA
Air	Standard 3	✓				HDM04-1.5F-ZGA	HDM04-1.5FS-ZGA
			✓			HDM04-5F-ZGA	HDM04-5FS-ZGA
				✓		HDM04-15F-ZGA	HDM04-15FS-ZGA
					✓	HDM04-30F-ZGA	HDM04-30FS-ZGA

all outlets with UNF 9/16" external threads

other tubing lengths available upon request

AEROWay® - Fine-ZGA Double-Flowmeter

O₂-Flow continuously adjustable

Pressure compensated double flowmeter for connection to DIN-couplings or central gas outlets in emergency vehicles and hospitals.

- Constant and precise flow, continuously adjustable
- Connections: Inlet DIN-plug (DIN 13260) | UNF 9/16" outlet
- Inlet pressure 4.5 bar
- Robust body of plated brass material
- Flowmeter housing of stable polycarbonate
- Integrated sinter filter

In different versions available:

- Gas options: Oxygen (O₂) | Medical pressure air (Air) | Neutral housing color (O₂)
- Inlet connector: Direct connection DIN-plug (DIN 13260) | 1.5 m pressure tubing with DIN-plug (DIN 13260) and holder for wall rail clamp*

1 O₂ standard



*Versions with pressure tubing incl. wall rail clamp
Art.-Nr. HWS01-KLEK

2 O₂ neutral labelling color



3 Air standard



Double Flowmeter

		Flow				Item No.	
		1.5 lpm	5.0 lpm	15.0 lpm	30.0 lpm	DIN-plug (DIN 13260)	1.5 m pressure tubing with DIN-plug (DIN 13260)
O ₂	1 Standard	✓				HDM00-1.5F2-ZGA	HDM00-1.5F2S-ZGA
			✓			HDM00-5F2-ZGA	HDM00-5F2S-ZGA
				✓		HDM00-15F2-ZGA	HDM00-15F2S-ZGA
					✓	HDM00-30F2-ZGA	HDM00-30F2S-ZGA
O ₂	2 Neutral	✓				HDM00N-1.5F2-ZGA	HDM00N-1.5F2S-ZGA
			✓			HDM00N-5F2-ZGA	HDM00N-5F2S-ZGA
				✓		HDM00N-15F2-ZGA	HDM00N-15F2S-ZGA
					✓	HDM00N-30F2-ZGA	HDM00N-30F2S-ZGA
Air	3 Standard	✓				HDM04-1.5F2-ZGA	HDM04-1.5F2S-ZGA
			✓			HDM04-5F2-ZGA	HDM04-5F2S-ZGA
				✓		HDM04-15F2-ZGA	HDM04-15F2S-ZGA
					✓	HDM04-30F2-ZGA	HDM04-30F2S-ZGA

all outlets with UNF 9/16" external threads

other tubing lengths available upon request

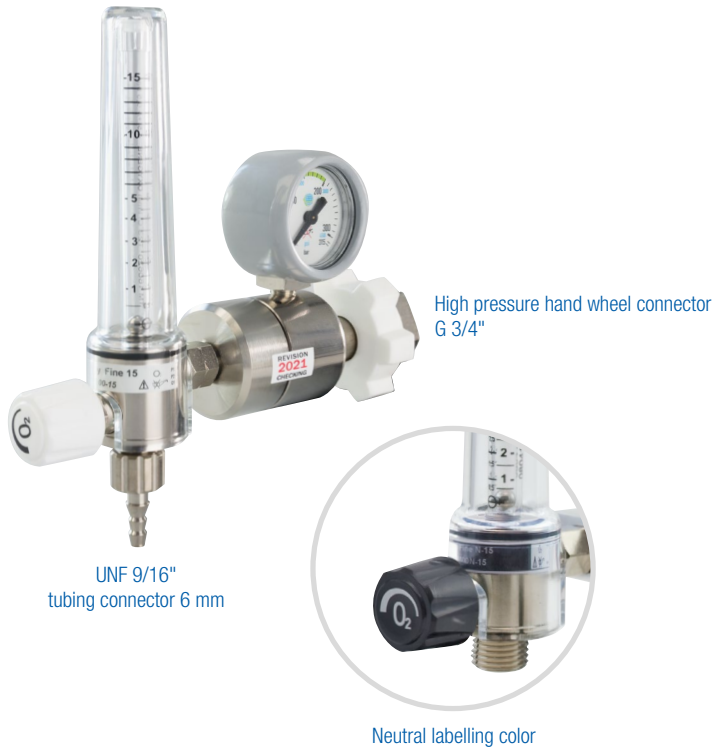
AEROWay® - Pressure Reducer

O₂-Flow continuously adjustable

Pressure reducer with pressure compensated flowmeter, for mobile O₂-standing devices.

- Continuous O₂-Flow
- High pressure hand wheel connector G 3/4" for medical O₂ cylinder
- UNF 9/16" outlet with plated 6 mm tubing connector
- Inlet pressure 200 bar | Outlet pressure 4.5 bar

- Robust body of plated brass
- Flowmeter housing of stable polycarbonate
- Shock-proof cylinder content manometer
- Integrated excess pressure safety valve
- Integrated sinter inlet filter



Pressure Reducer - O₂

O ₂ -Flow	Item No.
1.5 lpm	HDM00-1.5
5.0 lpm	HDM00-5
15.0 lpm	HDM00-15
30.0 lpm	HDM00-30

Pressure Reducer - O₂ | Neutral Labelling

O ₂ -Flow	Item No.
15.0 lpm	HDM00N-15

AEROWay® - Pressure Reducer

O₂-Flow gradually adjustable

Pressure reducer for AEROTreat® - Mobil (portable O₂-devices) and AEROTreat® - Basis | Care | Rescue (mobile O₂-standing devices).

- Flow gradually adjustable
- High pressure hand wheel connector G 3/4" (O₂) | G 5/8" (AIR)
- UNF 9/16" outlet with plated 6 mm tubing connector
- Inlet pressure 200 bar | Outlet pressure 4.5 bar

- Frontal view of flow setting as well as next- and predecessor step
- Robust body of plated brass
- Shock-proof cylinder content manometer
- Integrated excess pressure safety valve
- Integrated sinter inlet filter

In different versions available:

- Additional outlets: Respiratory | Suction | DIN-Coupling (DIN 13260)
- Gas options: Oxygen (O₂) | Medical pressure air (AIR) | Neutral housing colour (O₂)



Pressure Reducer - O₂

O ₂ -Flow Flow-Steps	Item No.
1 lpm 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1.0 lpm	HDM01-1
5 lpm 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 lpm	HDM01-5
15 lpm 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm	HDM01-15
25 lpm 0 - 0.5 - 1 - 2 - 3 - 4 - 6 - 8 - 15 - 25 lpm	HDM01-25
50 lpm 0 - 5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 50 lpm	HDM01-50

continuous gas flow also between the flow steps

Pressure Reducer With Additional Outlets

1



DIN-coupling outlet
4.5 bar | 150 lpm

2



Respiratory fixed
15 lpm

3



Suction (injector) fixed

4



DIN-coupling outlet
4.5 bar | 120 lpm

Suction (injector) fixed

5



DIN-coupling outlet
4.5 bar | 120 lpm

Respiratory fixed
15 lpm

Pressure Reducer - O₂

O ₂ -Flow Flow-Steps	Additional Outlets	Item No.	
5 lpm 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 lpm	DIN-Coupling 4.5 bar 150 lpm	1 HDM01-5-PS	
	DIN-Coupling 4.5 bar 150 lpm	1 HDM01-15-PS	
15 lpm 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm	Respiratory 15 lpm fixed	2 HDM01-15-B	
	Suction Injector adjustable on/off	3 HDM01-15-V	
	Suction Injector adjustable on/off	DIN-Coupling 4.5 bar 120 lpm	4 HDM01-15-PSV
	Respiratory 15 lpm fixed	DIN-Coupling 4.5 bar 120 lpm	5 HDM01-15-PSB

Pressure Reducer - O₂ | With neutral labelling

6



Neutral labelling color (O₂)
Medical pressure air (AIR)

O ₂ -Flow Flow-Steps	Connector	Outlet	Item No.
5 lpm 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 lpm	G 3/4"	UNF 9/16" and connector	6 HDM01N-5
15 lpm 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm			6 HDM01N-15

Pressure Reducer - AIR

O ₂ -Flow Flow-Steps	Connector	Outlet	Item No.
15 lpm 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm	G 5/8"	UNF 9/16" and connector	6 HDM04-15

AERoway® - Fast Pressure Reducer

O₂-Flow gradually adjustable

Pressure reducer for emergency cases, -bags and -backpacks. "Compact Design"

- Flow gradually adjustable
- High pressure hand wheel connector G 3/4" for O₂ Cylinder
- UNF 9/16" outlet with plated 6 mm tubing connector
- Inlet pressure 200 bar | Outlet pressure 4.5 bar
- Dial head with frontal and lateral flow display
- Frontal view of flow setting as well as next- and predecessor step
- Continuous gas flow also between the flow steps
- Robust body of plated brass
- Shock-proof cylinder content manometer
- Integrated excess pressure safety valve
- Integrated sinter inlet filter
- **Maximum flow adjustable directly from starting position (Flow=0)**

In different versions available:

- Right- or left side connector
- Additional outlets for connection of ventilation devices or demand valves



Dial head with two displays (lateral and frontal)



High pressure hand wheel connector G 3/4"

1 Connector right side 2 Connector left side

UNF 9/16" tubing connector 6 mm



DIN-coupling 4.5 bar | 150 lpm



2 x DIN-coupling 4.5 bar | 150 lpm



G 3/8" 5 bar | 110 lpm

Pressure Reducer | With Connector Right- or Left Sided

	Additional outlets	Flow Flow-Steps				Item No.		
		Continuous gas flow also between 2 steps				Additional Outlets	Connector Right Side	Connector Left Side
		1 lpm	5 lpm	15 lpm	25 lpm			
O ₂	Without	✓					1 HDM01-1-KR	2 HDM01-1-KL
			✓				1 HDM01-5-KR	2 HDM01-5-KL
				✓			1 HDM01-15-KR	2 HDM01-15-KL
					✓		1 HDM01-25-KR	2 HDM01-25-KL
	+Additional Outlets	✓				DIN-Coupling 4.5 bar 150 lpm	3 HDM01-1-KRPS	HDM01-1-KLPS
				✓			3 HDM01-15-KRPS	HDM01-15-KLPS
					✓		3 HDM01-25-KRPS	HDM01-25-KLPS
					✓	2 x DIN-Coupling 4.5 bar 150 lpm	4 HDM01-15-KRPS2	HDM01-15-KLPS2
			✓	G 3/8" 110 lpm	5 HDM01-15-KRSA	HDM01-15-KLSA		

AEROWay® - Fast-ZGA Flow Regulator

O₂-Flow gradually adjustable

Flow regulator for connection at DIN-couplings (DIN 13260) or central gas outlets in emergency vehicles and hospitals.

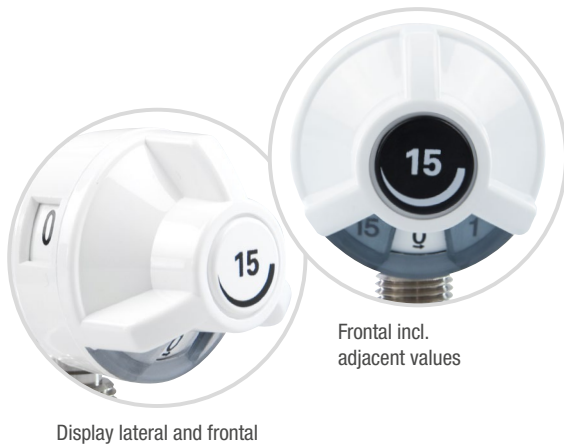
Clear and quick use through "Easy Click" adjustment

- Constant and precise flow, gradually adjustable.
- Connections: inlet DIN-plug (DIN 13260) | UNF 9/16" outlet
- Inlet pressure 4.5 bar
- Solid body made of nickel-plated brass
- Integrated sinter inlet filter

In different versions available:

- Gas options: Oxygen (O₂) | Medical pressure air (AIR) | Neutral housing colour (O₂)
- Inlet connector: direct connection DIN-plug 13260
1.5 m pressure tubing with DIN-plug (DIN 13260) and holder for wall rail clamp*

Dial head



*Versions with pressure tubing incl. wall rail clamp

Single-Flow Regulator



Flow | Flow-Steps

Continuous gas flow also between 2 steps

		Flow					Item No.	
		1 lpm	5 lpm	15 lpm	25 lpm	50 lpm	DIN-plug (DIN 13260)	1.5 m pressure tubing with DIN-plug (DIN 13260)
O ₂	Standard	1 lpm 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1.0 lpm	5 lpm 0 - 0.5 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 lpm	15 lpm 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm	25 lpm 0 - 0.5 - 1 - 2 - 3 - 4 - 6 - 8 - 15 - 25 lpm	50 lpm 0 - 5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 50 lpm		
		✓					HDM01-1-ZGA	HDM01-1S-ZGA
			✓				HDM01-5-ZGA	HDM01-5S-ZGA
				✓			HDM01-15-ZGA	HDM01-15S-ZGA
					✓		HDM01-25-ZGA	HDM01-25S-ZGA
					✓	HDM01-50-ZGA	HDM01-50S-ZGA	
O ₂	Neutral	✓					HDM01N-1-ZGA	HDM01N-1S-ZGA
			✓				HDM01N-5-ZGA	HDM01N-5S-ZGA
				✓			HDM01N-15-ZGA	HDM01N-15S-ZGA
					✓		HDM01N-25-ZGA	HDM01N-25S-ZGA
						✓	HDM01N-50-ZGA	HDM01N-50S-ZGA
AIR	Standard	✓					HDM04-1-ZGA	HDM04-1S-ZGA
			✓				HDM04-5-ZGA	HDM04-5S-ZGA
				✓			HDM04-15-ZGA	HDM04-15S-ZGA
					✓		HDM04-25-ZGA	HDM04-25S-ZGA
						✓	HDM04-50-ZGA	HDM04-50S-ZGA

all UNF 9/16" outlets with external threads

Other tubing lengths available upon request

AERoway® - Fast-ZGA Double-Flow Regulator

O₂-Flow **gradually adjustable**

Flow regulator for connection with DIN-Couplings (DIN 13260) or central gas outlets in emergency vehicles and hospitals.

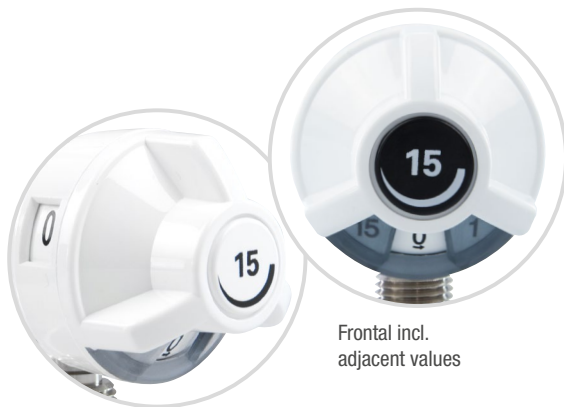
Clear and quick use through "Easy Click" adjustment

- Constant and precise flow, gradually adjustable.
- Connections: Inlet DIN-plug (DIN 13260) | UNF 9/16" outlet
- Inlet pressure 4.5 bar
- Robust body of plated brass
- Integrated sinter inlet filter

In different versions available:

- Gas options: Oxygen (O₂) | Medical pressure air (AIR) | Neutral housing color (O₂)
- Inlet connector: Direct connection DIN-plug (DIN 13260)
1.5 m pressure tubing with DIN-plug and holder for wall rail clamp*

dial head



Display lateral and frontal

Frontal incl. adjacent values

*Versions with pressure tubing incl. wall rail clamp
Art.-Nr. HWS01-KLEK



Holder for wall rail clamp

Pressure tube with DIN-plug

Double Flow Regulator

Flow | Flow-Steps Continuous gas flow also between 2 steps

		Flow					Item No.	
		1 lpm	5 lpm	15 lpm	25 lpm	50 lpm	DIN-plug (DIN 13260)	1.5 m pressure tubing with DIN-plug (DIN 13260)
O ₂	Standard ①	✓						
			✓				HDM01-5X2-ZGA	HDM01-5X2S-ZGA
				✓			HDM01-15X2-ZGA	HDM01-15X2S-ZGA
					✓		HDM01-25X2-ZGA	HDM01-25X2S-ZGA
						✓	HDM01-50X2-ZGA	HDM01-50X2S-ZGA
O ₂	Neutral ②	✓					HDM01N-1X2-ZGA	HDM01N-1X2S-ZGA
			✓				HDM01N-5X2-ZGA	HDM01N-5X2S-ZGA
				✓			HDM01N-15X2-ZGA	HDM01N-15X2S-ZGA
					✓		HDM01N-25X2-ZGA	HDM01N-25X2S-ZGA
						✓	HDM01N-50X2-ZGA	HDM01N-50X2S-ZGA
Air	Standard ③	✓					HDM04-1X2-ZGA	HDM04-1X2S-ZGA
			✓				HDM04-5X2-ZGA	HDM04-5X2S-ZGA
				✓			HDM04-15X2-ZGA	HDM04-15X2S-ZGA
					✓		HDM04-25X2-ZGA	HDM04-25X2S-ZGA
						✓	HDM04-50X2-ZGA	HDM04-50X2S-ZGA

all UNF 9/16" outlets with external threads

other tubing lengths available upon request

① O₂ standard labelling



② ③ O₂ neutral labelling color
AIR standard labelling color



Flow regulator for connection at DIN-couplings (DIN 13260) or central gas outlets in emergency vehicles and hospitals.

The new Generation: Compensates different pressures and pressure fluctuations at central gas outlets in hospitals!

Precision not to surpass!

With integrated pressure reducer and 15 gradually adjustable flow settings. Precise and stable, even at pressure fluctuations in gas outlets.
Flow rate accuracy according to DIN EN ISO 10524-4.

- Inlet pressure 2.8 to 8 bar | outlet pressure 1.9 bar
- Connections: DIN-plug (DIN 13260) | UNF 9/16" outlet
- Extra large display of all 15 gradually adjustable flow steps
- Stable body of ABS (Acrylnitril-Butadien-Styrol)
- Ergonomic and practise oriented design

In different versions available:

- Gas options: Oxygen (O₂) | Medical pressure air (AIR) | Neutral housing color (O₂)
- Inlet connector: Direct connection DIN-plug (DIN 13260)
1.5 m pressure tubing with DIN-plug (DIN 13260) and holder for wall rail clamp*

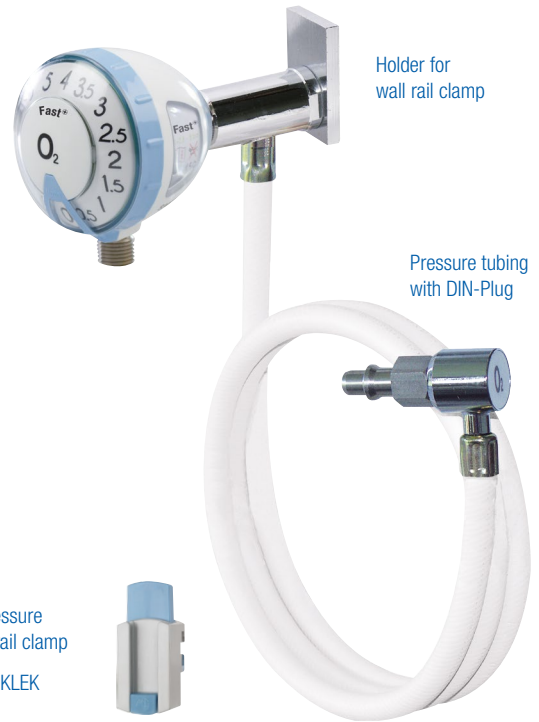
1 O₂ standard labelling



2 O₂ neutral labelling color



3 AIR standard labelling



*Versions with pressure tubing incl. wall rail clamp
Art.-Nr. HWS01-KLEK

Single Flow Regulator

Flow | Flow-Steps Continuous gas flow also between 2 steps

5 lpm 0 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1 - 1.5 - 2 - 2.5 - 3 - 4 - 5 lpm 15 lpm 0 - 0.5 - 1 - 1.5 - 2 - 2.5 - 3 - 3.5 - 4 - 5 - 6 - 7 - 8 - 9 - 12 - 15 lpm			Item No.		
			Single flow Regulator (with connector)		
Flow			DIN-plug (DIN 13260)	1.5 m pressure tubing with DIN-plug (DIN 13260)	
			5 lpm	15 lpm	
O ₂	Standard 1	✓		HDM01-5R-ZGA	HDM01-5RS-ZGA
			✓	HDM01-15R-ZGA	HDM01-15RS-ZGA
O ₂	Neutral 2	✓		HDM01N-5R-ZGA	HDM01N-5RS-ZGA
			✓	HDM01N-15R-ZGA	HDM01N-15RS-ZGA
AIR	Standard 3	✓		HDM04-5R-ZGA	HDM04-5RS-ZGA
			✓	HDM04-15R-ZGA	HDM04-15RS-ZGA

all UNF 9/16" outlets with external threads

other tubing lengths available upon request

AERoway® - Fast⁺ ZGA Double Flow Regulator



O₂-Flow **gradually adjustable**

Flow regulator for connection with DIN-Couplings (DIN 13260) or central gas outlets in emergency vehicles and hospitals.

The new Generation: Compensates different pressures and pressure fluctuations at central gas outlets in hospitals!

Precision not to surpass!

With integrated pressure reducer and 15 gradually adjustable flow settings. Precise and stable, even at pressure fluctuations in gas outlets.
Flow rate accuracy according to DIN EN ISO 10524-4.

- Inlet pressure 2.8 to 8 bar | Outlet pressure 1.9 bar
- Connections: DIN-plug (DIN 13260) | UNF 9/16" outlet
- Extra large display for all 15 gradually adjustable flow steps
- Stable body of ABS (Acrylnitril-Butadien-Styrol)
- Ergonomic and practise oriented design

In different versions available:

- Gas options: Oxygen (O₂) | Medical pressure air (AIR) | Neutral housing colour (O₂)
- Inlet connector: direct connection DIN-plug (DIN 13260)
1.5 m pressure tubing with DIN-plug (DIN 13260) and holder for wall rail clamp*

*Versions with pressure tubing incl. wall rail clamp
Art.-Nr. HWS01-KLEK



1 O₂ standard labelling



Holder for wall rail clamp

Pressure tubing with DIN-plug

2 O₂ neutral labelling color



3 AIR standard labelling



Double Flow Regulator

Flow | Flow-Steps Continuous gas flow also between 2 steps

		Flow		Item No.	
				Double-flow Regulator (with connector)	
		5 lpm	15 lpm	DIN-plug (DIN 13260)	1.5 m pressure tubing with DIN-plug (DIN 13260)
O ₂	Standard 1	✓		HDM01-5Rx2-ZGA	HDM01-5Rx2S-ZGA
			✓	HDM01-15Rx2-ZGA	HDM01-15Rx2S-ZGA
O ₂	Neutral 2	✓		HDM01N-5Rx2-ZGA	HDM01N-5Rx2S-ZGA
			✓	HDM01N-15Rx2-ZGA	HDM01N-15Rx2S-ZGA
AIR	Standard 3	✓		HDM04-5Rx2-ZGA	HDM04-5Rx2S-ZGA
			✓	HDM04-15Rx2-ZGA	HDM04-15Rx2S-ZGA

all UNF 9/16" outlets with external threads

other tubing lengths available upon request

AEROWay® - Fix I Pressure Reducer

O₂-Flow **fixed**

Light and compact pressure reducer for emergency medicine with fixed flow settings.

- High pressure hand wheel connector G 3/4"
- UNF 9/16" outlet with plated 6 mm tubing connector
- Inlet pressure 200 bar | outlet pressure 1.6 bar
- Robust body with plated brass
- Shock-proof cylinder content manometer
- Integrated excess pressure safety valve and inlet filter



High pressure hand wheel connector G 3/4"

UNF 9/16" tubing connector 6 mm

Pressure Reducer Fix I

Flow	Item No.
2 lpm	HDM03-2
4 lpm	HDM03-4
5 lpm	HDM03-5
6 lpm	HDM03-6
8 lpm	HDM03-8
10 lpm	HDM03-10

AEROWay® - Fix II Pressure Reducer

Pressure **fixed**

Pressure reducer for supply of medical devices, with fixed pressure settings.

- High pressure hand wheel connector G 3/4" for O₂ cylinder or G 5/8" for medical pressure air (AIR)
- G 3/8" outlet
- Inlet pressure: 200 bar
- Outlet pressure: 3.5 bar | 4.5 bar | 5 bar
- Shock-proof cylinder content manometer
- Integrated excess pressure safety valve
- Integrated sinter filter

In different versions available:

- Additional outlets DIN-Coupling (DIN 13260)



High pressure hand wheel connector

G 3/4" (O₂)
G 5/8" (AIR)

G 3/8"

DIN-Coupling outlet (DIN 13260)



G 3/8"

Pressure Reducer Fix II

	Flow	Pressure	Additional Outlets	Item No.	Connector Right Side	Connector Left Side
O ₂	160 lpm	3.5 bar	-	HDM02-3.5	HDM02-3.5-L	
	180 lpm	4.5 bar	-	HDM02-4.5	HDM02-4.5-L	
	200 lpm	5.0 bar	-	HDM02-5.0	HDM02-5.0-L	
	150 lpm	4.5 bar	DIN-Coupling 4.5 bar	HDM02-4.5-PS	HDM02-4.5-PS-L	
	150 lpm	4.5 bar	2 x DIN-Coupling 4.5 bar	HDM02-4.5-PS2	HDM02-4.5-PS2-L	
	180 lpm	5.0 bar	DIN-Coupling 5.0 bar	HDM02-5.0-PS	HDM02-5.0-PS-L	
AIR	160 lpm	3.5 bar	-	HDM04-3.5	HDM04-3.5-L	
	180 lpm	4.5 bar	-	HDM04-4.5	HDM04-4.5-L	
	200 lpm	5.0 bar	-	HDM04-5.0	HDM04-5.0-L	
	150 lpm	4.5 bar	DIN-Coupling 4.5 bar	HDM04-4.5-PS	HDM04-4.5-PS-L	
	180 lpm	5.0 bar	DIN-Coupling 4.5 bar	HDM04-5.0-PS	HDM04-5.0-PS-L	

AEROWay® - Spare Parts - Pressure Reducer

Spare Parts - Pressure Reducer 

Sealings for high pressure hand wheel connector, manometer protection caps and screw injectors for AEROWay® - pressure reducer.

Description	Item No.
O-Ring/Sealing for G 3/4" high pressure hand wheel connector of O ₂ -Pressure reducers	① HDM01-O-D
Screw injector venturi type with stopcock for AEROWay® - Fast 15-V und -PSV Pressure Reducers	② HDM01-V
Rubber manometer protection cap, 40 mm diameter, E: backwards	③ HDM01-MR-SK
Grey rubber manometer protection cap, 40 mm diameter, E: down	④ HDM01-MU-SK



AEROWay® - Maintenance

Maintenance 

Maintenance for AEROWay® - Pressure Reducer, Flow Regulator and Flowmeter. Flow regulator and flowmeter.

Pay also attention to our long term promotion campaign "Save costs - Swap instead of Repair!"

For all competition pressure reducers we offer: *Send us your old device and we will exchange it with a similar new AEROWay® device at a special price!*

Item No.	Device every 5 years
HRP01-DM00-STK	AEROWay® FINE - Pressure Reducer (O ₂)
HRP01-DM00-ZGA-STK	AEROWay® FINE - Flowmeter (O ₂)
HRP01-DM01-STK	AEROWay® FAST - Pressure Reducer (O ₂)
HRP01-DM01-ZGA-STK	AEROWay® FAST - Flow Regulator (O ₂)

Item No.	Device every 5 years
HRP01-DM02-STK	AEROWay® FIX II (O ₂)
HRP01-DM03-STK	AEROWay® FIX I (O ₂)
HRP01-DM04-FIXII-STK	AEROWay® FIX II (AIR)
HRP01-DM04-STK	AEROWay® FAST - Pressure Reducer (AIR)
HRP01-DM04-ZGA-STK	AEROWay® FAST Flow Regulator (AIR)

AEROWay® - Adapter

High quality adapter for connection of different components, e.g. bubble humidifier, sterile water systems as well as distributors and pressure tubes.

In different versions available:

- Different thread sizes
- From internal thread to external thread
- From external thread to internal thread



Item No.	Thread (model)	
	From Internal	To External
HAD01-91612125	UNF 9/16"	M12x1.25
HAD01-1212538	M12x1.25	G 3/8"
HAD01-91638	UNF 9/16"	G 3/8"
HAD01-12125916	M12x1.25	UNF 9/16"
HAD01-38916	G 3/8"	UNF 9/16"
HAD01-14916	G 1/4"	UNF 9/16"
HAD01-181916	M18x1	UNF 9/16"
HAD01-22125916	M22x1.25	UNF 9/16"
HAD01-2215916	M22x1.5	UNF 9/16"
HAD01-2415916	M24x1.5	UNF 9/16"

Item No.	Thread (model)	
	From External	To External
HAD02-2415916	M24x1.5	UNF 9/16"
HAD02-101916	M10x1	UNF 9/16"
HAD02-181916	M18x1	UNF 9/16"
HAD02-38916	G 3/8"	UNF 9/16"
HAD02-3215916	M32x1.5	UNF 9/16"
HAD02-3415916	M34x1.5	UNF 9/16"

AEROWay® - Tubing Connectors

Tubing connectors for 6 mm tubing, chromed, different models: straight-rigid, straight-moveable or angled-moveable (360° rotatable) and different thread types, with internal- or external threads.



Model	Inlet Thread		Item No.
	Internal Thread	External Thread	
Straight Rigid	G 3/8"		1 HSA01-6
	UNF 9/16"		2 HSA04-6
		UNF 9/16"	3 HSA04-6-A
	M12x1.25		4 HSA05-6
Straight Moveable	G 3/8"		5 HSA01-6-B
	UNF 9/16"		6 HSA04-6-B
	M12x1.25		7 HSA05-6-B
		M12x1	8 HSA06-6-BA
		M14x1	9 HSA07-6-BA
	M15x1		10 HSA08-6-B
		M20x1.5	11 HSA09-6-BA
	DISS Air		12 HSA10-6-B-AIR
	DISS N ₂ O		13 HSA10-6-B-N2O
	DISS O ₂		14 HSA10-6-B-O2
Angled Moveable	G 3/8"		15 HSA01-6-BW
	UNF 9/16"		16 HSA04-6-BW
	M12x1.25		17 HSA05-6-BW

AEROWay® - Blind Caps

Blind caps with sealing, chromed 1 or plated 2.



Internal Thread	Item No.
G 3/8"	1 HSA01-BV
UNF 9/16"	2 HSA04-BV

AERoway® - DIN Couplings (DIN 13260)

DIN-couplings (DIN 13260) O₂, AIR and N₂O, for DIN-Plug (DIN 13260), inlet G 3/8" external thread sealed. Seal also available as spare part, single packed.



Item No.	Gas Type
① HVK02-O2-F	O ₂
② HVK02N-O2-F	O ₂ (neutral labelling color)
③ HVK02-AIR-F	AIR
④ HVK02-N2O-F	N ₂ O
⑤ HDM01-AAO-38	Sealing ring for DIN-couplings with G 3/8" connector

AERoway® - Y-Couplings (DIN 13260)

Y-Couplings (DIN 13260) for O₂, AIR and N₂O, inlet DIN-plug (DIN 13260), 2 outlets DIN-couplings (DIN 13260) for DIN-plugs.



Item No.	Gas Type
① HVK02-O2-F2	O ₂
② HVK02N-O2-F2	O ₂ (neutral labelling color)
③ HVK02-AIR-F2	AIR
④ HVK02-N2O-F2	N ₂ O

AERoway® - Plugs (DIN 13260)

DIN-plugs (DIN 13260) for O₂, AIR, VAC and N₂O, 90°-angle, inlet DIN-plug (DIN 13260), outlet for 6 mm tubing.



Item No.	Gas Type
① HVK02-O2-MW	O ₂
② HVK02N-O2-MW	O ₂ (neutral labelling color)
③ HVK02-O2/AIR-MW	O ₂ and Air
④ HVK02-AIR-MW	AIR
⑤ HVK02-VAC-MW	VAC
⑥ HVK02-N2O-MW	N ₂ O

AEROWay® - NIST-Connection Nozzles with Swivel Nuts

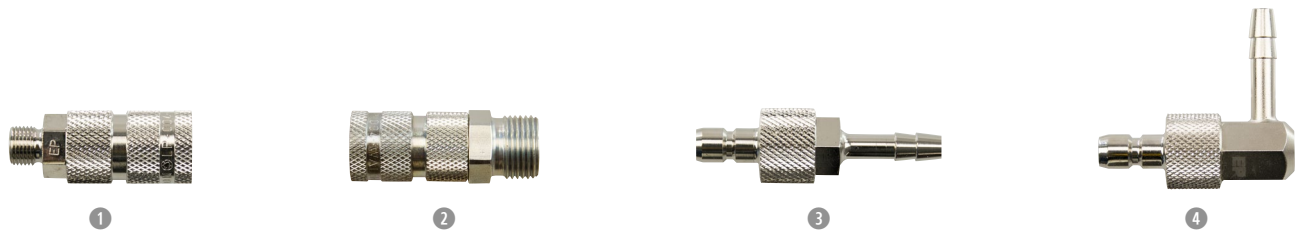
NIST-Connection nozzles for O₂, AIR and VAC for NIST coupling, straight, outlet for 6 mm tubing.



Item No.	Gas Type
① HVK05-O2-M	O ₂
② HVK05-AIR-M	AIR
③ HVK05-VAC-M	VAC

AEROWay® - “Walther” Type Couplings and Seal Nippel

Couplings and plugs type “Walther LP-004 and LP-006”, e.g. for connection of portable O₂-units to emergency vehicle units.



Item No.	Type	Connection
① HVK01-K-418	Coupling	G 1/8" external thread
② HVK01-K-438	Coupling	G 3/8" internal thread
③ HVK01-N-4G	Connector straight	6 mm tubing connector
④ HVK01-N-4W	Connector angled	6 mm tubing connector

AEROWay® - T-Distributors

T-shaped connectors for connection of different O₂-Systems, e.g. connection of several O₂ cylinders with an emergency vehicle system.



Item No.	Opposite Connections	Transversed Connection
① HVT01-38AA/38I	2 x G 3/8" external thread	G 3/8" internal thread
② HVT01-38AA/VK1	2 x G 3/8" external thread	Quick coupling Typ Walther (LP004)
③ HVT01-38IA/38I	G 3/8" external thread G 3/8" internal thread	G 3/8" internal thread
④ HVT01-38IA/VK1	G 3/8" external thread G 3/8" internal thread	Quick coupling Type Walther (LP004)
⑤ HVT01-38IA/VK2	G 3/8" external thread G 3/8" internal thread	O ₂ -Coupling according to DIN 13260

AERoway® -Distributor Bars / Distributors

Wall mounting

Distributor bars/distributors for O₂ or medical pressure air (AIR).

For example, usage in emergency vehicles for supply of several medical devices through one gas source only.

- UNF 9/16" outlet or G 1/8" external thread
- Outlet DIN-coupling (DIN 13260) and/or 0-15 lpm UNF 9/16" with 6 mm tubing connector
- Gradually adjustable flows: 15 lpm 0 - 1 - 2 - 3 - 4 - 5 - 6 - 8 - 12 - 15 lpm
- Gradually adjustable flow at dial head
- Dial head with frontal and lateral display
- At frontal view set and adjacent flow visible

Further configuration options upon request



UNF 9/16"
tubing connector 6 mm



No. Outlets	Connector	Outlet		Item No.
		15 lpm	DIN-Coupling	
1	UNF 9/16"	1 x	-	① HVL01-15-SA
		-	1 x	② HVL01-PS-SA
	G 1/8"	-	-	② HVL01-PS-SA-KL
2	UNF 9/16"	2 x	-	③ HVL01-15X2-SA
		-	2 x	④ HVL01-PS2-SA
		1 x	1 x	⑤ HVL01-15PS-SA
4	UNF 9/16"	4 x	-	⑤ HVL01-15X4-SA

AERoway®

AERoway® - Distribution Bars Systems | MCI-System

Distribution bar systems for MCI (Mass Casualty Incidents)

- Holding plate with 2 distributor bars for attachment on O₂ cylinders
- System with 4 or 6 single dial heads available
- Gradually adjustable flow 0 - 1 - 2 - 3 - 4 - 5 - 6 - 9 - 12 - 15 lpm
- Connection DIN-plug (DIN 13260) with 0.5 m pressure tubing
- UNF 9/16" outlets with tubing connectors for 6 mm tubing

MCI - Systems for Mass Casualty Incidents



Outlets	Item No.
4	HVL01-15x2x2-HPG500
6	HVL01-15x3x2-HPG500

AEROWay® - Distributor Bars / Distributors

Wall rail clamp fastening

Distributor bars/distributors for O₂ or medical pressure air (AIR).

For example, usage in emergency vehicles for supply of several medical devices through one gas outlet only.

- Connector DIN-plug (DIN 13260) with pressure tubing
- DIN-coupling (DIN 13260)
- With rail clamp for wall rail clamp fastening



Distributor Bars / Distributors For O ₂		
No. of Outlets	Tubing Length	Item No.
1x	1.5 m	① HVL01-PSS-ZGA
	2.0 m	① HVL01-PSS/2000-ZGA
	3.0 m	① HVL01-PSS/3000-ZGA
2x	1.5 m	② HVL01-PS2S-ZGA
3x	1.5 m	③ HVL01-PS3S-ZGA
	5.0 m	③ HVL01-PS3S/5000-ZGA
4x	1.5 m	④ HVL01-PS4S-ZGA
	5.0 m	④ HVL01-PS4S/5000-ZGA

Configurations with adjustable outlet upon request

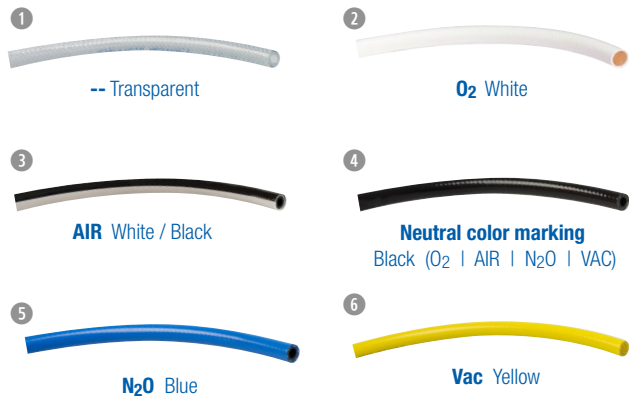


Distributor Bars / Distributors For Medical Pressure Air (AIR)		
No. of Outlets	Tubing Length	Item No.
1x	1.5 m	⑤ HVL04-PSS-ZGA
2x		⑥ HVL04-PS2S-ZGA
3x		⑦ HVL04-PS3S-ZGA
4x	1.5 m	⑧ HVL04-PS4S-ZGA
	5.0 m	⑧ HVL04-PS4S/5000-ZGA

AERoway® - Pressure Tubing

Antistatic PVC-Pressure tubes for medical gas with neutral color or color coded according to ISO 5359. Available in bulk quantity or as completely manufactured pressure tubing with different connectors available.

Pressure tubing types



Pressure Tubing Bulk QTY		
Gas Type Color	ID / OD	Item No.
-- Transparent	5/11 mm	① HDS01-5/11
-- Transparent	6/12 mm	① HDS01-6/12
O ₂ White	6/12 mm	② HDS02-6/12
AIR Black-white	6/12 mm	③ HDS03-6/12
Neutral Black (O ₂ AIR N ₂ O VAC)	6/12 mm	④ HDS04-6/12
N ₂ O Blue	6/12 mm	⑤ HDS05-6/12
Vac Yellow	6/12 mm	⑥ HDS06-6/12

Connectors For Pressure Tubing



Configure your pressure tubing by yourself according to your request! Tell us the required gas type, tubing color, tubing length as well as the inlet- and outlet connector.

Configuration Sample:



Outlet: O₂-NIST-plug

Inlet: DIN-plug O₂ DIN 13260

Example: Tubing Production And Labelling



Excerpt Standard Pressure Tubing

Gas Type / Color	Length	Inlet	Outlet	Item No.
-- Transparent	1.0 m	Tubing connector G 3/8" F	Tubing connector 9/16" F	HDS01-38B/916B-1000
O ₂ White	2.0 m	ZGA-Plug O ₂ DIN 13260	DISS O ₂ screw nut	HDS02-DISS/VK2-2000
O ₂ White	1.0 m	ZGA-Plug O ₂ DIN 13260	Seal nipple type Walther LP-004	HDS02-VK2/VK1-1000
O ₂ White	0.5 m	ZGA-Plug O ₂ DIN 13260	O ₂ -Coupling DIN 13260	HDS02-VK2/VK2F-500
O ₂ Neutral Black	0.3 m	Angled tubing connector G 3/8" F	O ₂ -NIST-Plug	HDS02N-38BW/VK5-300
AIR Black-white	1.5 m	ZGA-Plug AIR DIN 13260	AIR-NIST-Plug	HDS03-VK2/VK5-1500
AIR Black-white	5.0 m	ZGA-Plug AIR DIN 13260	DISS AIR screw nut	HDS04-DISS/VK2-5000
AIR Black-white	5.0 m	ZGA-Plug AIR DIN 13260	AIR-Coupling DIN 13260	HDS04-VK2/VK2F-5000
N ₂ O Blue	2.0 m	ZGA-Plug N ₂ O DIN 13260	DISS N ₂ O screw nut	HDS05-DISS/VK2-2000

AEROp[®]art

Oxygen-Accessories

Are you looking for suitable accessories for all kind of O₂-applications?
Then AEROp[®]art- products by HUM are the optimal choice.

AEROp[®]art Application Aids and Tubing Connectors

From O₂-cannulas / -masks via O₂-safety tubing through to tubing connectors, here you will find the necessary accessories that suit your demand.

Details make the difference:

High-quality materials, like the very soft PVC (available PHT-free), maximum comfort of our O₂-cannulas with straight or curved nasal tips, with ear loops or ear clips as well as oxygen masks incl. adjustable nose clip. Our kink-safe O₂-safety tubing or rotatable tubing connectors prove that we do not disregard safety: Optimum oxygen flow even in difficult environments.

AEROp[®]art Products for Humidification

Products for humidification are the perfect round up for our AEROp[®]art-range.

Our sterile and pyrogen free water for inhalation purposes is available in different varieties.

Whether 1000 ml universal refill bottle or as ready-to-use sterile water system, we have the appropriate solution for you.

For refill purposes, disposable and reusable humidifiers in different sizes are available.

Last but not least, appropriate accessories like angled barbed hose adapters or water traps complete our product range.



AEROp[®]art - Oxygen Cylinder

Filled compressed gas cylinder or cylinder fillings with medical oxygen, oxygen for altitude breathing or for food processing
200 bar filling pressure, equipped with residual pressure valve, connection thread according to DIN 477, cylinder body of lightweight steel lightweight aluminium or full aluminium.



Medical Oxygen - O ₂							
Material	Volume	Content	Ø	Length*	Weight*	Item No.	
						Filled cylinder	Filling only
Lightweight Steel	0.3 l	60 l	60 mm	265 mm	1.35 kg	① HFL11-03	HFL11-03-FÜLL
	0.8 l	160 l	83 mm	310 mm	2.10 kg	② HFL11-08	HFL11-08-FÜLL
	1.0 l	200 l	83 mm	355 mm	2.40 kg	③ HFL11-1	HFL11-1-FÜLL
	2.0 l	400 l	100 mm	430 mm	3.60 kg	④ HFL11-2	HFL11-2-FÜLL
	3.0 l	600 l	100 mm	580 mm	4.80 kg	⑤ HFL11-3	HFL11-3-FÜLL
	5.0 l	1000 l	140 mm	530 mm	10.05 kg	⑥ HFL11-5	HFL11-5-FÜLL
	10.0 l	2000 l	140 mm	915 mm	15.90 kg	⑦ HFL11-10	HFL11-10-FÜLL
Lightweight Aluminium	11.0 l	2200 l	140 mm	975 mm	16.40 kg	⑧ HFL11-11	HFL11-11-FÜLL
	2.0 l	400 l	102 mm	360 mm	1.90 kg	⑩ HFL11-2-LA	HFL11-2-LA-FÜLL
	10.0 l	2000 l	140 mm	965 mm	13.00 kg	⑪ HFL11-10-LA	HFL11-10-LA-FÜLL
Altitude Breathing Oxygen - O ₂							
Material	Volume	Content	Ø	Length*	Weight*	Item No.	
						Filled cylinder	Filling only
Lightweight Steel	0.8 l	160 l	83 mm	310 mm	2.10 kg	② HFL07-08	HFL07-08-FÜLL
	1.0 l	200 l	83 mm	355 mm	2.40 kg	③ HFL07-1	HFL07-1-FÜLL
	2.0 l	400 l	100 mm	430 mm	3.60 kg	④ HFL07-2	HFL07-2-FÜLL
	3.0 l	600 l	100 mm	580 mm	4.80 kg	⑤ HFL07-3	HFL07-3-FÜLL
	5.0 l	1000 l	140 mm	530 mm	10.05 kg	⑥ HFL07-5	HFL07-5-FÜLL
	10.0 l	2000 l	140 mm	915 mm	15.90 kg	⑦ HFL07-10	HFL07-10-FÜLL
Lightweight Aluminium	2.0 l	400 l	105 mm	445 mm	2.85 kg	⑩ HFL07-2-LA	HFL07-2-LA-FÜLL
Oxygen for Food Processing - O ₂							
Material	Volume	Content	Ø	Length*	Weight*	Item No.	
						Filled cylinder	Filling only
Lightweight Steel	2.0 l	400 l	100 mm	430 mm	3.60 kg	④ HFL18-2	HFL18-2-FÜLL
	5.0 l	1000 l	140 mm	530 mm	10.05 kg	⑥ HFL18-5	HFL18-5-FÜLL
	10.0 l	2000 l	140 mm	915 mm	15.90 kg	⑦ HFL18-10	HFL18-10-FÜLL

* All values are approximate and subject to certain tolerances.

AEROp[®] - Compressed Gas Cylinders Compressed Air | Nitrous Oxide | Carbonic Dioxide

Filled compressed gas cylinders or cylinder fillings with medical compressed air (AIR), nitrous oxide (N₂O) or medical carbonic dioxide (CO₂), with residual pressure valve (only CO₂), connection thread according to DIN 477, cylinder body of steel.



Medical Compressed - AIR							
Material	Volume	Content	Ø	Length*	Weight*	Item No.	
						Filled Cylinder	Filling only
Steel	2.0 l	400 l	100 mm	430 mm	3.60 kg	① HFL04-2	HFL04-2-FÜLL
	3.0 l	600 l	100 mm	580 mm	5.60 kg	② HFL04-3	HFL04-3-FÜLL
	5.0 l	1000 l	140 mm	530 mm	10.05 kg	③ HFL04-5	HFL04-5-FÜLL
	10.0 l	2000 l	140 mm	915 mm	15.90 kg	④ HFL04-10	HFL04-10-FÜLL
Nitrous Oxide - N ₂ O							
Material	Volume	Content	Ø	Length*	Weight*	Item No.	
						Filled Cylinder	Filling only
Steel	2.0 l	1.50 kg	100 mm	430 mm	3.60 kg	⑤ HFL05-2	HFL05-2-FÜLL
	5.0 l	3.75 kg	140 mm	530 mm	10.05 kg	⑥ HFL05-5	HFL05-5-FÜLL
	10.0 l	7.50 kg	140 mm	915 mm	15.90 kg	⑦ HFL05-10	HFL05-10-FÜLL
Medical Carbonic Acid - CO ₂							
Material	Volume	Content	Ø	Length*	Weight*	Item No.	
						Filled Cylinder	Filling only
Steel	1.0 l	0.75 kg	83 mm	355 mm	2.40 kg	⑧ HFL16-1	HFL16-1-FÜLL
	2.0 l	6.00 kg	100 mm	430 mm	3.60 kg	⑨ HFL16-2	HFL16-2-FÜLL
	8.0 l	6.00 kg	140 mm	750 mm	17.5 kg	⑩ HFL16-8	HFL16-8-FÜLL
	13.4 l	10.00 kg	204 mm	630 mm	27.5 kg	⑪ HFL16-13.4	HFL16-13.4-FÜLL






* All values are approximate and subject to certain tolerances.

TÜV assessment, lacquering connected to cylinder filling, cylinders with customer-specific imprint, accessories (safety cap, valve cap, etc.) as well as empty compressed gas cylinders available on request.

AEROp[®] - Oxygen Cannulas

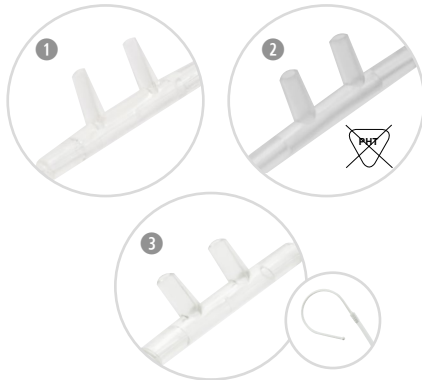
O₂-cannulas of transparent PVC incl. O₂ safety tubing.

Different models, according to:










- Patient group: Prematures | Neonates | Infants | Children | Adults
- Nasal tips (cannulas): Straight  | Curved 
- Material: "Soft" | "Supersoft" | and/or Phthalate-free 
- Model: "Standard" | "Low Flow" | "High Flow" | "Low-noise" | "Demand valve"
- Tubing length: Safety tubing in different lengths | Different star lumina  



Nasal tips **straight, soft**





Incl. ear clips

Oxygen Cannulas with Straight Nasal Tips, Soft 			
Patient group	Tubing	Model	Item No.
Adults	0.33 m 	up to 6 lpm, Standard	1 HSB11-S-0.33
	2.00 m 		1 HSB11-S
	5.00 m 		1 HSB11-S5
Children	2.00 m 		1 HSB11-S-K
Infants	2.00 m 	up to 3 lpm, Standard	1 HSB11-S-KK
Adults	2.10 m 	up to 6 lpm, Standard 	2 HSB01-S
	1.50 m 	up to 6 lpm, incl. ear clips	3 HSB01-B




Nasal tips **curved, soft**



Oxygen Cannulas with Curved Nasal Tips, Soft 			
Patient group	Tubing 	Model	Item No.
Adults	2.00 m	up to 6 lpm, Standard	HSB12-S
Children			HSB12-S-K
Infants		up to 3 lpm, Standard	HSB12-S-KK
Neonates/Babies			HSB12-S-NS






Nasal tips **curved, supersoft**



Oxygen Cannulas with Curved Nasal Tips, Supersoft  			
Patient group	Tubing 	Model	Item No.
Adults	0.33 m	up to 6 lpm, Standard	HSB02-S-0.33
	2.10 m		HSB02-S
	2.10 m	up to 3 lpm (slim nasal tips)	HSB02-S-LF
	2.10 m	up to 8 lpm (low-noise)	HSB02-S-Q
	2.10 m	up to 15 lpm (high-flow)	HSB02-S-HF
Children	2.10 m	up to 6 lpm, nasal tips 7.0 mm	HSB02-S-K
Infants	2.10 m	up to 3 lpm, nasal tips 5.0 mm	HSB02-S-KK
Neonates/Babies	2.10 m	up to 3 lpm, nasal tips 4.5 mm	HSB02-S-NS
Premature	2.10 m	up to 3 lpm, nasal tips 3.0 mm	HSB02-S-F

Nasal tips **curved, supersoft**



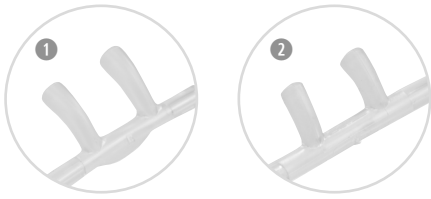
Oxygen cannulas with Curved Nasal Tips, Supersoft  			
Patient group	Tubing	Model	Item No.
Adults	1.20 m 	up to 6 lpm especially developed for use with demand valves	HSB02-S-D1.2
	2.10 m 		HSB02-S-D
Children	2.10 m 		HSB02-S-K-D

Divided nasal tips for patient monitoring and O₂ application

Oxygen Cannulas Hudson RCI und CareFusion

O₂-cannulas of transparent PVC, incl. O₂ safety tubing and curved flared nasal tips.

Nasal tips **curved, flared**

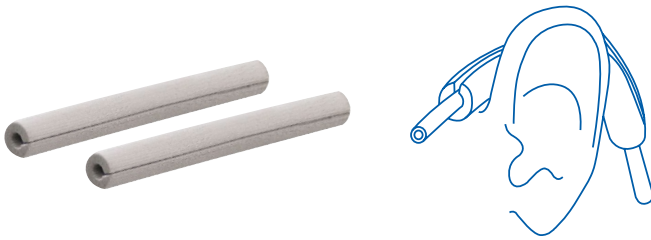


Oxygen Cannulas with Curved, Flared Nasal Tips			
Patient group	Tubing	Item No.	Manufacturer
Adults	2.10 m	① HSB04-S-F	Hudson RCI
		② HSB03-S	CareFusion

AEROp[®] - Ear Wraps

Accessories - Oxygen Cannulas

Ear wraps for oxygen cannulas of exceptionally soft and smooth foam, reliable ear protection from attrition and skin irritation, ideal for long term use.




Unit	Item No.
1 pair	HSB02-EZW


AEROp[®] - Oxygen Masks

Oxygen masks of transparent PVC, for children or adults, with adjustable nose clip and elastic head strap.


Different models:

- Incl. O₂-safety tubing ① ④
- Incl. reservoir and O₂-safety tubing ② ⑤
- Without reservoir and safety tubing ③
- Phthalate-free ④ ⑤ 




2 m O₂-safety tubing 



2 m O₂-safety tubing and reservoir 






without safety tubing 



2.1 m O₂-safety tubing  



2.1 m O₂-safety tubing incl. reservoir  


Item No.	
Adults	Children
① HSM11-E	① HSM11-K
② HSM11-EB	② HSM11-KB
③ HSM11-EOS	③ HSM11-KOS
④ HSM01-E 	④ HSM01-K 
⑤ HSM01-EB 	-

AEROp[®] - Aerosol-Inhalation Sets

Aerosol-inhalation sets of transparent PVC, for children and adults, consisting of mask with adjustable nose clip and elastic head strap, 6 ml aerosol nebulizer and 2 m O₂-safety tubing.



2 m O₂-safety tubing 

Aerosol-Inhalation Sets		
Patient group	Tubing 	Item No.
Adults	2.00 m	HAI11-E
Children		HAI11-K

AEROp[®] - O₂-Catheter



O₂-catheter of transparent PVC, for adults, with foam rubber compress and level connector.
- single sterile packed -

Charrière	Length	Item No.
10	40 cm	HSK01-10

Available in other charrière on request (CH 08 - 10 - 12 - 14).



AEROp[®] - Oxygen Safety Tubing

O₂-Safety tubing of transparent PVC, kink-safe, in different lengths, with different star lumina  .
Also available as Phthalate-free model.



Safety tubing incl. star lumen  | Phthalate-free 

Length	Item No.
0.33 m	HSS01-0.33
2.00 m	-
2.10 m	HSS01-2.1
3.00 m	-
7.50 m	HSS01-7.5
10.00 m	HSS01-10
15.00 m	HSS01-15

Safety tubing incl. star lumen 

Length	Item No.
0.33 m	HSS11-0.33
2.00 m	HSS11-2
2.10 m	-
3.00 m	HSS11-3
7.50 m	HSS11-7.5
10.00 m	HSS11-10
15.00 m	HSS11-15

AEROp[®] - Barbed Hose Adapters

Barbed hose adapters of high-quality Polyoxymethylene (POM) (for 6 mm tubing).

Rotatable barbed hose adapter UNF 9/16" inner thread (IT) ① | angled barbed hose adapter 90° UNF 9/16" outer thread (OT) ②



UNF 9/16" IT



UNF 9/16" OT

Type	Model	Item No.
Barbed hose adapter	straight, rotatable, white	① HSA02-6
Angled barbed hose adapter	90°, rigid, white	② HSA02-6-WA

Firesafe[®] Barbed Hose Adapters and Connectors

Thermal safeguards with integrated one-way valve, interrupt O₂-flow at inflammation of downstream tubing (for 6 mm tubing).

Barbed hose adapter UNF 9/16" inner thread (IT) ① | Tubing connector ②



UNF 9/16" IT



Type	Model	Item No.
Barbed hose adapter	straight, rotatable, white	① HSA03-6-FS
Angled barbed hose adapter	straight, rigid, white	② HSV03-6-FS

AEROp[®] - Tubing Connectors

Tubing connectors rigid or rotatable, straight, T- or Y-shape (for 6 mm tubing).



Type	Model	Item No.
Tubing connector	Straight, rigid, white	① HSV01-6
	Straight, 360° rotatable, white	② HSV01-6D
	T-shape, rigid, white	③ HSV01-6-T
	Y-form, rigid, white	④ HSV01-6-Y

AEROp[®] - Water Traps

Water traps for collecting water condensation during O₂-therapy, transparent, screw-cap on both sides (for 6 mm tubing).



Tube	Item No.
Diameter - 13 cm	① HWF11
Length - 17 cm	② HWF01

Dimensions are approximate (without screw-caps)

AEROp[®] - Humidifiers

Humidifiers for use in oxygen therapy.

Different models:

Different capacities | Inlet UNF 9/16" or G 3/8" | Disposable ① - ③ or reusable ④ - ⑥ | For "high flow" application ③

Disposable



Advantages:

- handy lid
- low-noise operation
- capacity for one day (at 4 lpm - 24 h)
- daily cleaning without waste of water

up to 6 lpm

up to 6 lpm

6 - 15 lpm "High Flow"

Disposable				
Volume approx.	Performance / Flow	Inlet Connection	Safety Valve	Item No.
140 ml	up to 6 lpm	Barbed hose adapter with UNF 9/16" inlet thread	410 mBar	① HAB01-916E
350 ml	up to 6 lpm			② HAB01-916
350 ml	up to 15 lpm (High Flow)		③ HAB01-916HF	

Reusable



Reusable				
Volume approx.	Performance / Flow	Inlet Connection	Autoclavable	Item No.
250 ml	up to 15 lpm	Barbed hose adapter with G 3/8" IT	up to 134 °C	④ HAB02-38
250 ml		Barbed hose adapter with UNF 9/16" inner thread		⑤ HAB02-916
500 ml				⑥ HAB02-500-916

Diffusor

Spare parts for reusable humidifiers HAB02-916 and HAB02-38 ④ ⑤.



Item No.
⑦ HAB02-DIF

Spare Parts 

AEROp[®] - Sterile Water

Sterile water bottles 1000 ml, pyrogen-free.

Humidification during oxygen therapy **1** | Inhalation **2**

Also applicable as wash and cleaning fluid during surgery, stoma care, for wounds, burns etc.

Different models:

1 Completely collapsing container for gas-free application. Including hook at the container bottom and two sterile injection sites to connect an auto-feed system via injection thorns.

2 Container with screw-cap for manual filling of humidifiers.



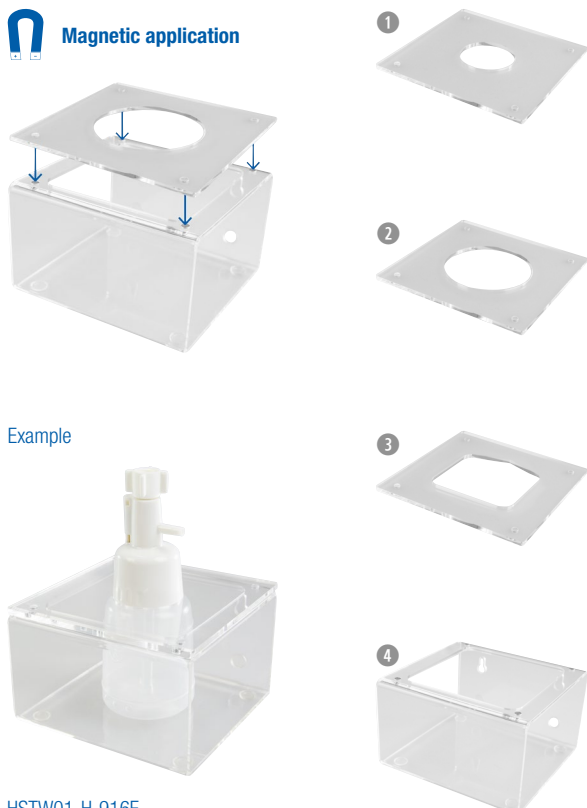
Model	Content	Item No.
Container with 2 sterile injection sites, hook at container bottom	1000 ml	1 HSTW03-1000FLDG
Container with screw-cap		2 HSTW03-1000FLD

AEROp[®] - Holder for Sterile Water Systems and Humidifiers

Holder of transparent acrylic glass for humidifiers or sterile water systems.

Consisting of basic box and exchangeable template covers | With improved platform of 13 x 13 cm | Additional eyelets for fixing

 **Magnetic application**



Example



HSTW01-H-916E

Accessories - Humidification 

Product launch/Product change
Spring 2017

Holder (Basic Box and Template Cover)	
Suitable for	Item No.
AEROp [®] - AB1-916E (Humidifier 140 ml)	HSTW01-H-916E
AEROp [®] - AB1-916 und AB1-916HF (Humidifier 350 ml)	HSTW01-H-916
Sterile water systems Respiflo 325 ml, Aquapak 340 and 650 ml, STER-O ₂ 350 and 550 ml	HSTW01-H-GSU1
Single Components	
Description	Item No.
Template cover for AEROp [®] - AB1-916E (humidifier 140 ml)	1 HSTW01-H-S916E
Template cover for AEROp [®] - AB1-916 and AB1-916HF (humidifier 350 ml)	2 HSTW01-H-S916
Template cover for sterile water systems Respiflo 325 ml, Aquapak 340 and 650 ml, STER-O ₂ 350 and 550 ml	3 HSTW01-H-SGSU1
Basic box	4 HSTW01-H-BOX

Available either as set consisting of basic box and template cover or individually.

AEROp[®]

AEROp[®]art - Sterile Water Systems

Sterile water systems, pyrogen-free, incl. UNF 9/16" connection adapter for direct connection to O₂-concentrators or pressure reducers, outlet connection for 6 mm tubing.

Respiflo



Aquapak



STER-O₂



Description	Item No.
Respiflo 325	① HSTW01-325
Respiflo 500	② HSTW01-500
Aquapak 340	③ HSTW01-340
Aquapak 650	④ HSTW01-650
STER-O ₂ 350	⑤ HSTW03-350
STER-O ₂ 550	⑥ HSTW03-550

AEROp[®]art - Respiflo Sterile Water System | Ultrasonic Nebulization

Sterile water-set for ultrasonic nebulization, consisting of 1500 ml universal bottle, 145 ml sterile water capsule and level regulator for auto-feed systems. Set components available individually as well.



Respiflo Sterile Water-Set

Description	Item No.
1 x Universal bottle 1500 ml 1 x Sterile water capsule 145 ml 1 x Level regulator for auto-feed system	HSTW01-USV2-SET
Single Components	
Description	Item No.
Universal bottle 1500 ml	① HSTW01-USV2-1500
Sterile water capsule 145 ml	② HSTW01-USV2-145
Level regulator for auto-feed system	③ HSTW01-USV2-ÜS

AEROp[®]art - Maintenance Service Packages for Oxygen Concentrators

Build your own individual service package for oxygen therapy and O₂-concentrators!
Just tell us which components your service package should consist of. We are happy to assist you with the selection.



On request we supply you with suitable AEROp[®]art-filter-replacement-sets for your O₂-concentrators!

AEROvent®

Bacterial- and Viralfilter

In our AEROvent® segment you will find high quality bacterial and viral filters which offer best possible protection for user, patient and the whole therapy system against contamination.

AEROvent® - Device Filter / Device Protection Filter for Suction Units | O₂-Concentrators | nCPAP-Devices | Home Ventilation Devices

Bacterial- and viral filters ensure the protection against infection and contamination of patients and medical devices. Our different device protection filters are developed for the special requirements of several medical therapies like e.g ventilation, nebulization, O₂-therapy, spirometry or aspiration.

Whether foam or fine filter, felt disc / silencer, filter attachment or even cartridge inserts, our AEROvent® filters cover almost all common medical devices and therapies and is constantly expanding.

AEROvent® - Bacterial- and Viralfilter | Breathing Filter

Prevention of infections and cross contaminations are the main tasks of breathing filters.

Protection of patients, breathing systems and the environment are effectively provided by use of this specific type of filters. Our AEROvent® products offer additional comfort features for a soft and gentle patient ventilation as well as air conditioning. A good example of high comfort and excellent technical performance offers our "Slimline-Filter" line with low weight but high filtration efficiency.



AEROvent® - Device Protection Filter | Suction Units

Bacterial and viral filter for suction units, reliable protection of suction devices against contaminated air and liquids.

- Hydrophobic PTFE membrane
- High flow
- Combined or conic connections
- Suitable for “high flow” applications
- Single packed

Suitable for Atmos suction units



Filtration efficiency bacterial | viral: 99.999 %

1



2



3



4

Max. Flow	Filtration		Housing Ø	Connection Both Sides	Item No.
	Capacity	Area			
			55 mm		1 HAF01-M55
30 lpm	0.027 µm	24.6 cm ²	64 mm	5 - 9.5 mm combined	2 HAF01-K
40 lpm		24.6 cm ²	64 mm	11 mm conic	3 HAF02-K
50 - 60 lpm		59.0 cm ²	90 mm	11 mm conic	4 HAF02-K-HF

AEROvent® - Device Protection Filter | Ventilator and Nebulizer

Electrostatic bacterial and viral filter for the protection against contamination of ventilators and nebulizer.

Filtration efficiency bacterial | viral: 99.9999 %

- Transparent housing made of styren
- ISO-connectors
- Single packed



Resistance	Filtration Capability	ISO-Connections	Weight	Item No.
0.4 mbar at 30 lpm 0.7 mbar at 60 lpm	0.027 µm	22F - 22M	23.5 g	HBF01-BFMG

AEROvent® - Device Protection Filter | Spirometer

Electrostatic bacteria and viral filter for the reliable device protection and avoidance of cross- and back-contamination.

- Anatomically shaped mouthpiece
- Very low flow resistance
- Housing made of polypropylene
- Single packed

Filtration efficiency bacterial | viral: 99.9999 % | 99.999 %



Resistance	Connections	Dead Space	Weight	Item No.
0.7 mbar at 720 lpm	30 mm ID / 34 mm AD	75 ml	45 g	HSF01-SGM

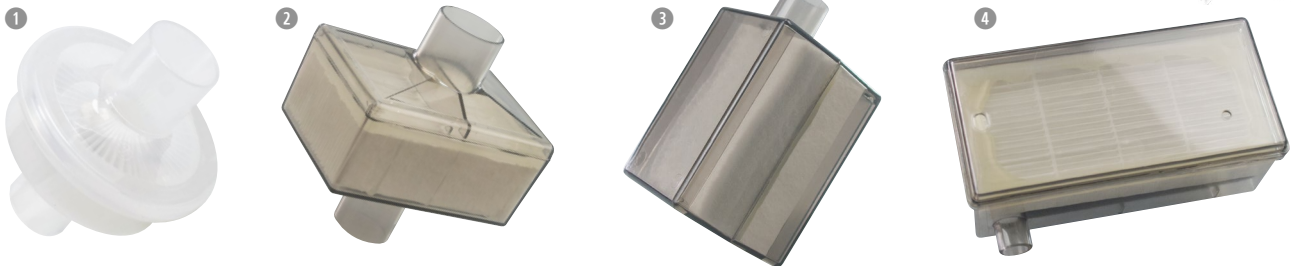
AEROvent® - Device Protection Filter | O₂-Concentrators (HEPA-Filter)

HEPA (High Efficiency Particulate Air) filter / Intake filter for almost all common O₂-Concentrators.

- High flow capacity up to 100 lpm
- Low resistance
- High efficiency against particles
- Single packed

Filtration efficiency bacterial | viral: 99.9999 %

Filtration efficiency bacterial | viral: 99.999+ %



Long-Life-Filter
Lifetime up to 2 Years

Filter for EverFlo O₂-Concentrators

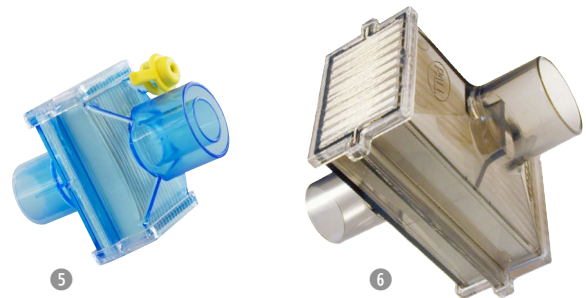
Resistance	Connections	Item No.
1.40 mbar at 30 lpm	22M - 22F (ISO)	① HGF01-INTAKE
0.32 mbar at 10 lpm	22M - 22F (ISO)	② HGF11-INTAKE
9.90 mbar at 47 lpm	22M (ISO)	③ HGF02-INTAKE
1.27 mbar at 10 lpm	device-specific	④ HGF02-INTAKE-R-EF

Device Protection Filter Pall | O₂-Concentrators

Intake filter for devices Pall BB25 and BB50, with folded hydrophobic membrane, transparent housing, single packed.

Filtration efficiency bacterial | viral: 99.999+ %

Resistance	Connections	Item No.
1.5 mbar at 30 lpm	22F / 15M - 22M / 15F	⑤ HGF01-25
1.0 mbar at 60 lpm	22F- 22M	⑥ HGF01-50



Adapter

Accessories - Intake Filter

Adapter for AEROvent® - Intake LL (HGF02-Intake), for connection to O₂-Concentrators with 22 mm AD at the compressor as well as adapter for AEROvent® - Intake (HGF01-Intake) for connection to Mobilair 5.5 SensO₂ (Invacare).



Description	Item No.
Adapter for HGF01-Intake	⑦ HBAD03-22F-22F
Adapter for HGF02-Intake	⑧ HGF01-AD-I

AEROvent® - Bacterial Outlet Filter | O₂-Concentrators

Bacterial outlet filter for almost all common O₂-Concentrators, conic connections for 3-9 mm tubes, housing made of polypropylene, single packed.

Filtration efficiency bacterial | viral: 99.999+ %

Connections	Housing	Item No.
3 mm - 9 mm, conic (both sides)	Polypropylen	HBAF01-K

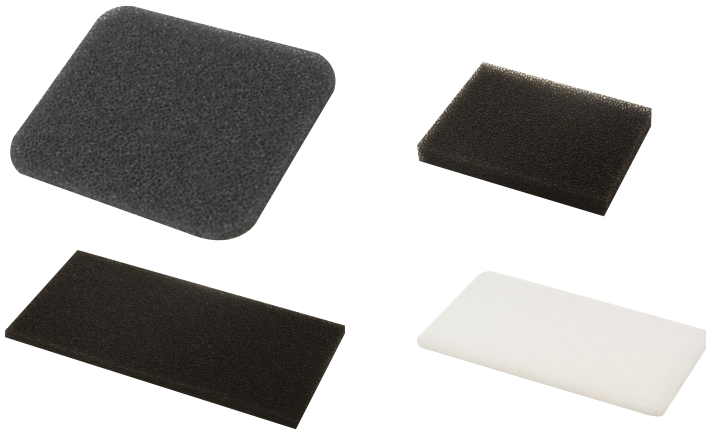


AEROvent® - Fine and Foam Device Filter | O₂-Concentrators

Fine- and foam filter for O₂-Concentrators from different manufacturers, for filtration of particles from the ambient air aspirated by the devices.

Foam Filter

Item No. see filter overview



Felt Disc and Silencer

Item No. - according to data below



AEROvent® - Filter Overview | O₂-Concentrators

Manufacturer	Device	Item No.					
		Foam Filter	Felt Disc and Silencer	Adapter for Intake Filter	Intake filter	Bacterial Outlet Filter	
Air Sep	NewLife Oxybox 6005	HGF01-A	① HFF01-A			HBAF01-K	
DeVilbiss	Compact 5	HGF02-D			HGF01-Intake HGF11-Intake HGF02-Intake	HBAF01-K	
	Compact 505, 515, 525	HGF04-D			HGF02-Intake		
	MC29 and MC44	HGF01-D	② HFF01-D		HGF01-Intake		
Invacare	Mobileaire 5 and 5 SensO ₂	HGF01-I		HGF01-AD-I	HGF01-Intake	HBAF01-K	
				without Adapter			
				HGF01-AD-I	HGF02-Intake		
				without Adapter			
	Perfect O ₂	HGF03-I			HGF01-Intake		HBAF01-K
					HGF02-Intake		
Platinum S Platinum 9	HGF02-I		HGF01-AD-I	HGF01-Intake	HBAF01-K		
			without Adapter				
			HGF01-AD-I	HGF02-Intake			
			without Adapter				
Kröber	Aeroplus 5	HGF03-K			HGF01-Intake	HBAF01-K	
	Aeroplus 6	HGF01-K					
	Kröber O ₂ /Kröber 4.0	HGF02-K					
Medicap	Precise 6000 RC5	HGF01-R	HFF01-R		HGF01-25	HBAF01-K	
Philips Respironics	Everflo	HGF01-R-EF			HGF02-Intake-R-EF	HBAF01-K	
	Millenium M5	HGF01-RE	HGF01-SD**		HGF01-Intake	HBAF01-K	
		HGF01-RE	HGF01-SD-22M*				
Rhönmed	Precise 6000 RC5	HGF01-R	HFF01-R		HGF01-25	HBAF01-K	
Löwenstein Medical Technology (Weinmann)	Oxymat 3	HGF01-WM	HGF01-SD-22M		HGF01-Intake		

AEROvent® - Components for Filter Sets | O₂-Concentrators

Complete filter exchange kits for O₂-Concentrators for different manufacturers. Depending on the device consisting of: device input filter, device outlet filter, fine- and foam-filter, silencer as well as adapter.



Felt Disc



Silencer*



Silencer**



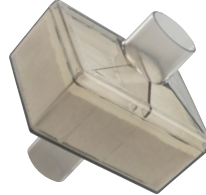
Foam Filter



Adatper



Intake Filter 01



Intake Filter 11



Intake Filter LL



Bacteria Outlet Filter

* Silencer, Plastik

** Silencer, Foam Filter Attachment

AEROvent® - Filter Sets Overview | O₂-Concentrators

Manufacturer	Device	Filter Set Consisting Of	Item No.
Air Sep	NewLife Oxybox 6005	Foam filter, felt disc, bacterial outlet filter	HGF01-A-SET
DeVilbiss	Compact 5	Foam filter, intake filter 01, bacterial outlet filter	HGF02-D-SET
		Foam filter, intake filter 11, bacterial outlet filter	HGF12-D-SET
		Foam filter, intake filter LL, bacterial outlet filter	HGF03-D-SET
	Compact 525	Foam filter, intake filter LL, bacterial outlet filter	HGF04-D-SET
MC29 MC44	Foam filter, felt disc, intake filter 01, bacterial outlet filter	HGF01-D-SET	
Invacare	Mobile 5 and 5 SensO ₂	2 Foam filter, adapter, intake filter 01, bacterial outlet filter	HGF01-I-SET
		2 Foam filter, intake filter 01, bacterial outlet filter	HGF02-I-SET
		2 Foam filter, intake filter LL, bacterial outlet filter	HGF03-I-SET
		2 Foam filter, intake filter LL, bacterial outlet filter	HGF04-I-SET
	Perfect O ₂	2 Foam filter, intake filter 01, bacterial outlet filter	HGF09-I-SET
		2 Foam filter, intake filter LL, bacterial outlet filter	HGF10-I-SET
	Platinum S	2 Foam filter, adapter, intake filter 01, bacterial outlet filter	HGF05-I-Set
		2 Foam filter, intake filter 01, bacterial outlet filter	HGF06-I-Set
		2 Foam filter, adapter, intake filter LL, bacterial outlet filter	HGF07-I-Set
		2 Foam filter, adapter, intake filter LL, bacterial outlet filter	HGF08-I-Set
Kröber	Aeroplus 5		HGF03-K-SET
	Aeroplus 6/600	Foam filter, intake filter 01, bacterial outlet filter	HGF01-K-SET
	Kröber O ₂ Kröber 4.0		HGF02-K-SET
Medicap	Precise 6000 RC5	Foam filter, 2 felt disc, intake filter BB25, bacterial outlet filter	HGF01-R-SET
Philips Respironics	Everflo	Foam filter, intake filter EF, bacterial outlet filter	HGF02-RE-SET
	Millenium M5	2 Foam filter, intake filter 01, silencer*, bacterial outlet filter	HGF01-RE-SET2
		2 Foam filter, intake filter 01, silencer**, bacterial outlet filter	HGF01-RE-SET
Rhönmed	Precise 6000 RC5	Foam filter, 2 felt disc, intake filter BB25, bacterial outlet filter	HGF01-R-SET
Löwenstein Medical Technology (Weinmann)	Oxymat 3	Foam filter, intake filter 01, silencer**	HGF01-WM-SET

AEROvent® - Fine and Foam Device Filter | nCPAP and BiPAP/Bilevel devices

Fine- and foam filter for nCPAP devices for filtration of particles from the ambient air aspirated by the devices.



Manufacturer	Device	Fine Filter	Foam Filter
Breas	PV100	HCFBR01-FINE	HCFBR01-FOAM
	iSleep 10, 20, 20+, 20i, 22, 25	HCF02-BR-FINE	HCF02-BR-FOAM
	Z1 (available soon)	HCFBR03-FINE	
DeVilbiss	Horizon LT Auto	HCFD01-FINE	HCFD01-FOAM
	SleepCube Blue Series	HCFD02-FINE	HCFD02-FOAM
Dima Italia	Pegaso		HCFDI01-FOAM
Fisher&Paykel	Sleepstyle HC200, 211, 221	HCFF01-FINE	
	HC230 HC600	HCFF02-FINE	
	Icon	HCFF03-FINE	
Healthyne	Tranquility CPAP	HCFH01-FINE	
	Tranquility & MPR	HCFH02-FINE	HCFH02-FOAM
	Tranquility Beta Delta Quest	HCFH03-FINE	HCFH03-FOAM
Hoffrichter	Scalar Vector	HCFHR01-FINE	HCFHR01-FOAM
	Calypso Trend Vector II	HCFHR02-FINE	
	Point Point II		HCFHR04-FOAM
	Trend II	HCFHR06-FINE	HCFHR06-FOAM
Löwenstein Medical Technology (Weinmann)	SOMNOtron SOMNOtron 2, 3, 4 SOMNOsmart	HCFW01-FINE	HCFW01-FOAM
	SOMNOcomfort SOMNOsoft+ SOMNOsmart 2 SOMNOvent SOMNOset	HCFW02-FINE	HCFW02-FOAM
	SOMNObalance SOMNOcomfort 2 SOMNOsoft 2 CPAP-20	HCFW03-FINE	HCFW03-FOAM
	prisma Serie (available soon)	HCFW04-FINE	HCFW04-FOAM
Medtronic (Covidien, NPB)	Duo Intro Sandman	HCFC01-FINE	HCFC01-FOAM
	Goodknight 418A	HCFNPB02-FINE	HCFNPB02-FOAM
	Goodknight 420S 420E 420G 425 Bilevel	HCFNPB03-FINE	HCFNPB03-FOAM
ResMed (MAP, Sullivan)	minni Max	HCFM02-FINE	
	Magellan Max Moritz		HCFM03-FOAM
	S5 APD AutoSet VPAP VPAP II Bilevel (S8 AUTOSET H3I)	HCFS01-FINE	
	S7 VPAP III	HCFS02-FINE	
	S8	HCFS03-FINE	
Philips Respironics	S9 AirSense 10 AirCurve 10 (S10)	HCFS04-FINE	
	BiPAP auto SV		HCFR06-FOAM
	M Series: REMstar Plus, Pro, Pro 2, Auto BiPAP Plus, Auto Phönix 2 Somnia 2	HCFR06-FINE	HCFR06-FOAM
	REMstar Legacy Series: REMStar Lite, Pro, Pro2, Plus, Auto BiPAP Plus, Pro 2, Auto, auto SV Advanced Nova Phoenix Somnia Synchrony II Harmony II	HCFR07-FINE	HCFR07-FOAM
	System One Series: REMstar Pro, Auto BiPAP Auto, S/T, autoSV, autoSV Advanced SleepEasy	HCFR08-FINE	HCFR06-FOAM
DreamStation Series: CPAP Pro Auto-CPAP Auto-BiPAP (available soon)	HCFR09-FINE	HCFR09-FOAM	

AEROvent® - Fine and Foam Device Filter | Home Ventilation Devices

Fine- and foam filter for home ventilation devices for the filtration of particles from the ambient air aspirated by the devices.



Manufacturer	Device	Fine filter	Foam filter
Breas	PV401-1	HVF02-BR-FINE	HVF02-BR-FOAM
	PV401-2 PV403	HVF01-BR-FINE	HVF01-BR-FOAM
	PV201 PV501	HVF03-BR-FINE	
	Vivo 30 Vivo 40	HVF05-BR-FINE	HVF05-BR-FOAM
	Vivo 50 Vivo 60	HVF06-BR-FINE	HVF06-BR-FOAM
Medtronic (Airox, Covidien, NPB)	Legendair PB520 PB 560	HVF02-A-FOAM	
Hamilton	C1	HVF01-HA-FINE	HVF01-HA-FOAM
Hoffrichter	CARAT I CARAT II TRENDvent	HVF01-HR-FINE	HVF01-HR-FOAM
Philips Respironics (Lifecare)	PLV100/101	HVF01-LC	
	REMstar Legacy Series: BiPAP S/T, AVPS Nova Phoenix Somnia Synchrony II Harmony II	HCFR07-FINE	HCFR07-FOAM
	BiPAP S/T, A30, A30-S, A40, AVPS Harmony S/T	HCFR08-FINE	HCFR06-FOAM
	Trilogy 100, 200	Bacterial/Viral filter HBF01-BFMG	
ResMed	BVS Bibop VS Integra VS Ultra	HVF01-S-FOAM	
Saime	Elisee Integra Ultra		HVF02-S-FOAM
	VS III		HVF03-S-FOAM
Löwenstein Medical Technology (Weinmann)	BiLevel ST22	(upon request)	HVF01-WM-FOAM
	VENTIllogic VENTIllogic LS und plus		
	VENTImotion VENTImotion 2		
	prismaVENT Serie (available soon)	HCFW04-FINE	HCFW04-FOAM

AEROvent® - Heat and Moisture Exchanger (HME) | Artificial Nose

Heat and moisture exchanger for spontaneous breathing patients with tracheostoma.

- Effective protection of the respiratory tract against negativ effects of cold, dry respiratory gas
- Particle filtering, heating and humidification of the air
- Recovery of breathing resistance
- Housing made of polypropylene
- Single packed



Tidal volume (VT)	Humidification Capacity	Resistance	ISO-Connection	Dead Space	Weight	Type of Filter	Item No.
> 25 ml	27 mg at VT 500 ml	0.35 mbar at 30 lpm	15F	8 ml	7 g	Foam	① HBF01-KN-TS
	23.4 mg at VT 500 ml	0.40 mbar at 30 lpm		11 ml	7 g	Folded Paper	② HBF01-KN-TT
Adapter for Thermovent® T and AEROvent - KN-TT, for oxygen supply, with 1.5 m tubing, sterile packed							③ HBF04-KN-TV02SS

AEROvent® - Bacterial and Viral Filters with HME (HMEF) | Breathing Filter



Electrostatic bacterial and viral filters with heat and moisture exchanger (HME) for filtration as well as heating and humidification of the air.

- Hydrophobic / Hygroscopic
- High humidification and filtration performance
- Low flow resistance
- CO₂ measurement via luer-lock port
- Transparent K-Resin housing - Optimal moisture control
- No need for active humidification
- Single sterile packed

Filtration efficiency bacterial | viral: > 99.999 %

Complete product family available in 3 sizes



1 Adult



2 Pediatric



3 Neonates

Tidal volume (VT)	Humidification Capacity	Resistance	ISO-Connection	Dead Space	Weight	Item No.
250 - 1500 ml	29 mg H ₂ O/l at VT 500 ml	1.08 mbar at 30 lpm	22M/15F - 22F/15M	60 ml	34.5 g	1 HBF11-HFLS
150 - 500 ml	28 mg H ₂ O/l at VT 500 ml	1.57 mbar at 30 lpm	22M/15F - 22F/15M	45 ml	27.9 g	2 HBF11-HFLP
50 - 250 ml	29 mg H ₂ O/l at VT 250 ml	2.55 mbar at 30 lpm	22M/15F - 15M	19 ml	11.3 g	3 HBF11-HFLN

AEROvent® - Bacterial and Viral Filters with HME (HMEF) | Breathing Filter

Electrostatic bacterial and viral filter with heat and moisture exchanger (HME) for filtration as well as heating and humidification of the air.

- High humidification and filtration performance
- Low flow resistance
- CO₂ measurement via luer-lock port
- Transparent ABS housing - Optimal moisture control
- No need for active humidification
- Single packed

Filtration efficiency bacterial | viral: > 99.999 %



Adult

Tidal volume (VT)	Humidification Capacity	Resistance	ISO-Connection	Dead Space	Weight	Item No.
200 - 1500 ml	29 mg H ₂ O/l at VT 500 ml	1 mbar bei 30 lpm	22M/15F - 22F/15M	45 ml	36 g	HBF21-HFLS

AEROvent® - Bacterial and Viral Filter "Slimline" | Breathing Filter

Electrostatic bacterial and viral filter for the reliable contamination protection of patient and respiratory devices.

- Slim and lightweight design, low tensile forces on patient connection
- Very low dead space volume minimizes the risk of CO₂ re-breathing
- Effective protection due to high filtration performance
- Transparent housing made of ABS 1 and polypropylene 2
- With or without luer lock port for CO₂ measurement
- Single packed

Filtration efficiency bacterial | viral: 99.999 %



1

Adult



2

Adult

Tidal volume (VT)	Resistance	ISO-Connection	Dead Space	Weight	Luer Lock	Item No.
100 - 1500 ml	1 mbar at 30 lpm	22M/15F - 22F/15M	30 ml	26 g	yes	1 HBF21-BFLS
90 - 1500 ml	1 mbar at 30 lpm	22M/15F - 22F/15M	32 ml	23 g	no	2 HBF01-BFS

AEROcheck®

Pulse Oximetry

With our AEROcheck® pulse oximeters we do not make any compromises!

Thereby the devices are designed space-saving and offer easy and comfortable handling of the products, from patient to medical staff, due to their versatile features.

AEROcheck® Handheld and Stand-Alone Pulse Oximeters for Long-Time Monitoring

With the handy AEROcheck® Sat 801+ and the versatile interfaces of the AEROcheck® Sat 805 you are well-equipped for long-time monitoring due to extensive data storage and integrated 22 h Li-Ion battery.

The Technology

Digital Masimo SET® technology enables reliable monitoring of the blood's oxygen saturation, even under strong motion, low perfusion or intensive ambient light.

DST® - Discrete Saturation Transform algorithm - identifies and eliminates any kind of disturbance frequencies, which might occur during measurements.

FastSat® - Discrete Saturation algorithm - enables adjustment of the notification time from 2-4 seconds and thus guarantees a fast collection and demonstration of SpO₂-data.

Easy operation as well as highest quality standards, which can be expected from a product "Made in Germany".

AEROcheck® Fingertip Pulse Oximeter

Our AEROcheck® P011 spot-check device enables quick and precise SpO₂-measurement at short duration of application.



AEROcheck® - P011-FCH Fingertip Pulse Oximeter

Fingertip pulse oximeter in appealing and compact design for reliable SpotCheck-measurement of oxygen saturation and pulse rate.

Automatic switch on function at finger insertion / automatic switch off when finger removed.

Sharp dual colored display with 360 degree and 6 different display modes.

Quick indication of SpO₂, pulse rate, pulsation as wave or bar graph and display modes.

Scope of delivery:

2 batteries type AAA, storage case of high-quality nylon, carrying string and instructions for use.

For hospital, general practitioners, homecare and sports / spare time.



Easy Handling

Automatic switch on and off function

3 steps - 1 result

- Open
- Insert finger
- Read measurement value



Comfortably soft silicone finger case



One-button operation for display mode and brightness

Storage and Transport

flexible | versatile | protected

Storage case

- Carrying string
- Belt loop
- Fastening eyelet



Carrying string



Belt loop

Item No.	HP011-FCH	
Specifications		
Dimensions (W x H x D)	60 x 32 x 35 mm	
Weight	58 g incl. batteries	
Internal power supply	Batteries: 2 pieces AAA - Alkaline Cell 1.5 Volt	
Operating time	approx. 30 h	
SpO₂	Display	0 % - 99 %
	Calibration	70 % - 99 % ± 3 %
	Resolution	1 %
Pulse	Display	30 - 235 bpm
	Calibration	30 bpm - 235 bpm ± 2 bpm
	Resolution	1 bpm
Display	SpO ₂ , plethysmogram, pulse frequency	
Alarm (optical)	Low-battery display	

AEROcheck® - sat 801+

Handy, lightweight pulse oximeter. Protected housing, brilliant multicolor-TFT-display.
Data transfer to PC possible via USB-interface or SD-card.

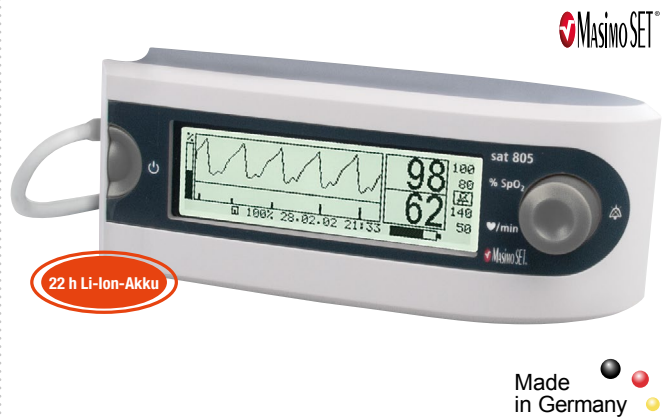
Ideal for longterm monitoring and SpotCheck measurement in homecare, hospital, transport & emergency areas.



AEROcheck® - sat 805

Pulse oximeter for longterm monitoring. Big clear LCD with easy menu-driven operation via multifunctional spring-return button.
Versatile interfaces: remote alarm, USB, SD-card.

Ideal for longterm monitoring in homecare, hospital & sleep laboratory areas.



- Incl. approved Masimo SET® technology, reliable measurement results even at movement and low perfusion.
- 22 h Li-Ion battery, display of SpO₂, pulse frequency, perfusion index (PI), plethysmogram, signal-IQ, alarms (optical and acoustic), alarm limits, battery capacity and remaining memory capacity.
- Extensive data storage

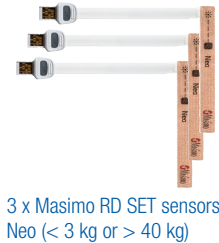
Scope of Delivery



EU power supply



Masimo RD SET-patient cable and sensors



AEROcheck® - sat 801+ are available with LNCS technology and /or other sensors as well on demand.

Specifications		Models	Item No.	
		HP002-801+ (sat801+)	HP002-805 (sat805)	
Dimensions (W x H x D)		128 x 85 x 46 mm	92 x 240 x 104 mm	
Weight		290 g incl. battery	900 g incl. battery	
Power supply		100-240 V ~50 Hz / 5 V DC 1 A	100-240 V ~50/60 Hz / 9.3 V DC 1.29 A	
Internal power supply Li-Ion Battery		2 x 3.6 V / 2 x 2250 mAh	7.2 V / min. 3600 mAh	
Battery operating time		22 h		
SpO ₂	Display	1 - 100 %		
	Calibration	without motion 70 - 100% +/-2 % children, adults; +/-3 % neonates on the move 70 - 100% +/-3 % adults, children, neonates		
	Resolution	1 %		
Pulse	Display	25 - 240 bpm		
	Calibration	without motion 25 - 240 bpm +/- 3 % on the move 25 - 240 bpm +/- 5 %		
	Resolution	1 bpm		
Perfusion display area		0.02 - 20 %		
Alarms		SpO ₂ , pulse, low battery, sensor failure, system failure		
Memory		2 MB, add. internal microSD (optional)		

AEROcheck® - Bags | Power Supply Units

Accessories - Pulse Oximeters 

Bags, EU power supply units, mountings as well as remote alarm cables for stationary application for AEROcheck® - sat 801+ respectively sat 805.



Product Description	Item No.	
	sat 801+	sat 805
Transport bag	① HP002-800/801-T	② HP002-805-T
5 m remote alarm cable incl. RJ-12 plug connection	-	③ HP002-805-KAF
EU power supply	④ HP002-801-NTEU	⑤ HP002-805/816-NTEU
Brackets with integrated mounting clamp	⑥ HP002-800/801-H	⑦ HP002-805-H

AEROcheck® - satView

satView* documentation and analysis software, for easy and automatic evaluation of data records
for AEROcheck® - pulse oximeter sat 801+ and sat 805.

Intuitive user interface.

Display of ODE (oxygen desaturation events) and ODI (oxygen desaturation index).

Quick data analysis, database functionality as well as easy report generation.

* Software version 1.1.9, without ODE and ODI display
- available for free -

from software version 1.2.0 monthly license fee
- quarterly settlements -
(any number of devices readable)



Technical Specifications		Item No.
Compatibility	Server 2008, Windows XP, Vista, 7, 8 and 10, Mac OS X (CrossOver)	HP002-SW-SATVIEW
Display of time elapsed	SpO ₂ , pulse, Signal IQ	
Data analysis	statistics, desaturations	
Depictable events	alarms, alarm oppressions, desaturations, individual markers	

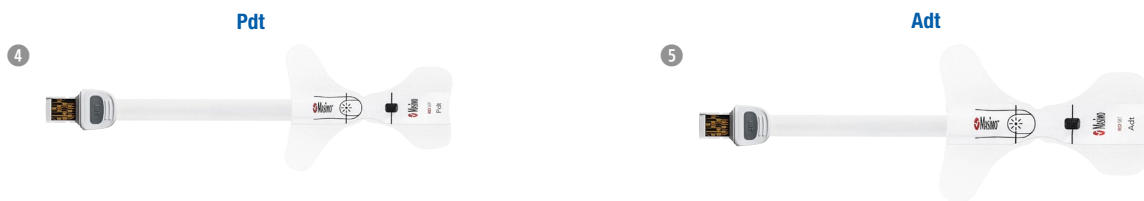
Masimo® RD SET and LNCS® Sensors

Single use and reusable Masimo® sensors for neonates, children and adults as RD SET and LNCS® variant. Durable, excellent shielding, low background noise

Single Use Adhesive Sensors RD SET





SofTouch for sensitive skin



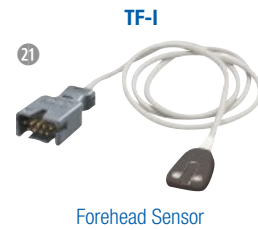
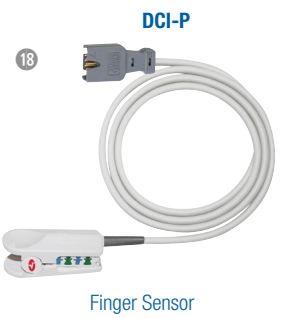
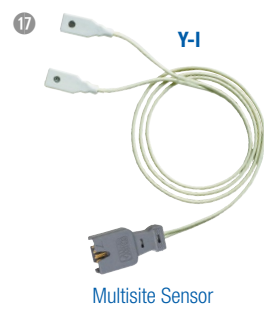
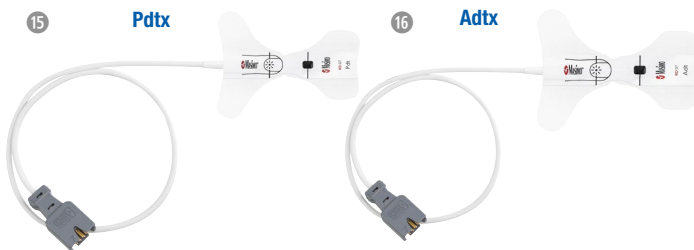
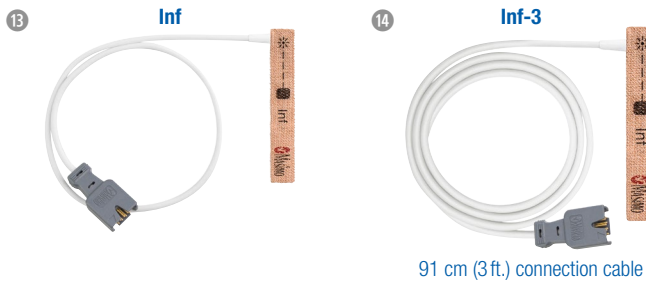
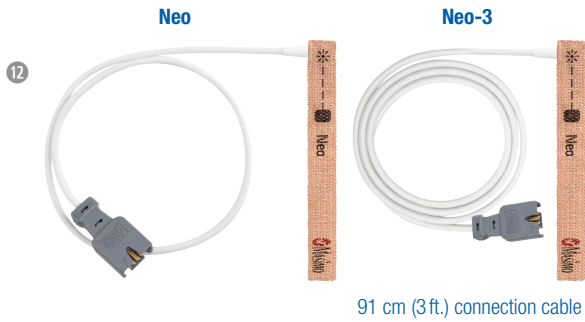
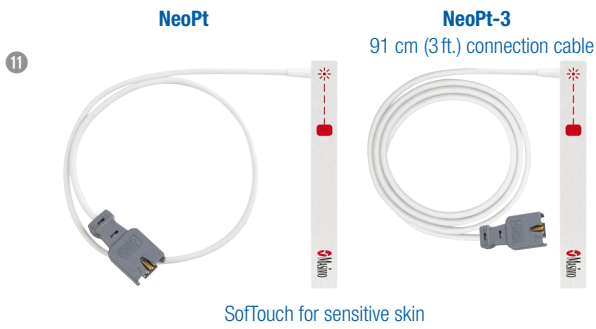
Reusable Sensors RD SET



Single Use Sensors RD SET 			
Patient	Body Weight	Description	Item No.
Neonates	< 1 kg	NeoPt	① HP005-NEOPT
	< 3 kg / > 40 kg	Neo	② HP005-NEO
Infants	3 kg - 20 kg	INF	③ HP005-INF
Children	10 kg - 50 kg	Pdt	④ HP005-PDT
Adults	> 30 kg	Adt	⑤ HP005-ADT
Reusable Sensors RD SET 			
Children	10 kg - 50 kg	DCIP	⑥ HP005-DCIP
Adults	> 30 kg	DCI	⑦ HP005-DCI
		TC-I	⑧ HP005-TCI

Single Use Adhesive Sensors LNCS®

Reusable Sensors LNCS®



Single Use Sensors LNCS®

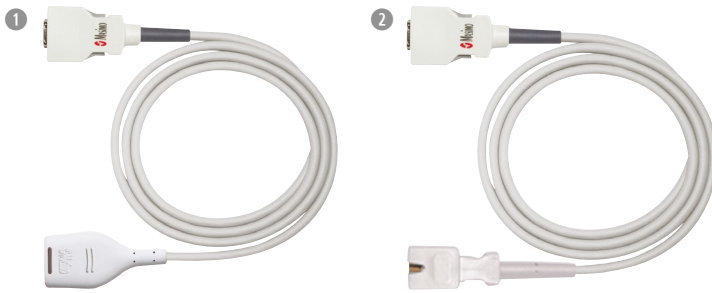
Patient	Body Weight	Description	Item No.
Neonates	< 1 kg	NeoPt	11 HP004-NEOPT
		NeoPt-3	11 HP004-NEOPT3
	< 3 kg / > 40 kg	Neo	12 HP004-NEO
		Neo-3	12 HP004-NEO3
Infants	3 kg - 20 kg	Inf	13 HP004-INF
		Inf-3	14 HP004-INF3
Children	10 kg - 50 kg	Pdtx	15 HP004-PDTX
Adults	> 30 kg	Adtx	16 HP004-ADTX

Reusable Sensors LNCS®

Neonates / Children / Adults	> 1 kg	Y-I	17 HP004-YI
Children	10 kg - 50 kg	DCI-P	18 HP004-DCIP
		DC-I	19 HP004-DCI
		TC-I	20 HP004-TCI
		TF-I	21 HP004-TFI
		DB-I	22 HP004-DBI

Masimo® RD SET and LNCS® Patient Cables

Masimo® patient cables for RD SET or LNCS® sensors, different lengths from 1.2 m (4 ft.) up to 4.2 m (14 ft.).



Cable length	Item No.	
	① RD SET	② LNCS®
1.2 m / 4 ft.	-	HP004-K-PC04
1.5 m / 5 ft.	HP005-K-PC05	-
2.4 m / 8 ft.	HP005-K-PC08	-
3.0 m / 10 ft.	-	HP004-K-PC10
3.6 m / 12 ft.	HP005-K-PC12	-
4.2 m / 14 ft.	-	HP004-K-PC14

Masimo® Adapter Cable for RD SET Sensors

Adapter cable for connection of RD SET sensors with LNOP® respectively LNCS® patient cables.



Cable Length	Item No.	
	LNOP®	LNCS®
0.45 m / 1 ft.	① HP002-P005-AD	② HP004-P005-AD

Foam Wraps and Clips for Masimo Sensors

[Accessories - Masimo-Sensors](#) 

Skin-friendly, padded foam wraps, replacement adhesive tapes and ear trailer for fixation of specific Masimo-sensors.



Product Description	Item No.
Posey wraps for LNOP-NeoPt	① HP002-S-KS
Petit wraps for LNCS-YI	① HP002-KSSP-YI
Replacement adhesive tapes for strips for LNOP-Neo-L and LNCS NEO/NEO3 sensors	② HP002-NEOL-PF
Replacement adhesive tapes for strips for LNOP-Neo sensors	② HP002-S-PF
Replacement adhesive tapes for strips for LNOP-NeoPt-L and LNCS-NeoPt	② HP002-NEOPTL-PF
Foam wraps for LNOP-YI and LNCS sensors	③ HP002-KM-YI
Ear clip for TC-I ear clip sensor	④ HP002-EAR-C

AEROtube®

Ventilation Management | Airway Management

Airway management products and solutions for patient ventilation are part of our AEROtube® range. This steadily growing product segment requires careful selection of the right solution. Usage of different raw material lead to development of different product features which offer many advantages in handling as well as comfort for the patient. We will help you to find the right choice!

AEROtube® CPAP Tubing and Tubing Systems

AEROtube® CPAP-tubing and -tubing systems are manufactured from a combination of high quality metallocene and plastomer material. Smooth interior guarantee an optimal flow and easy cleaning as well as gas sterilization up to 75 °C. No flow interruption, even at strongest kinking, through spiral coiled tubing. Highest stability at lowest weight, and all this PHT- and latex free!

AEROtube® Ventilation Tubing Systems

Our already well established single use tubing systems for homecare ventilation have been upgraded with an improved expiry valve to further increase patient comfort. Highest Quality is guaranteed through extremely long usage time up to 14 days! For the first time in our catalogue we offer a completely new range of ventilation tubing systems for ventilation in clinical environments. The diversity of the systems will certainly convince you. If you nevertheless do not find the appropriate configuration for you, please let us know. We will assemble the required system with the necessary accessories together with you!

AEROtube® Airway Management

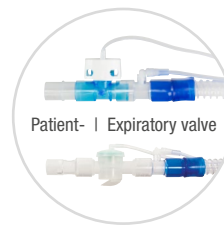
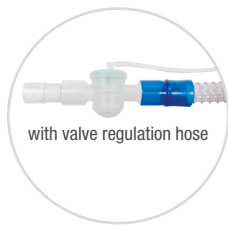
This assortment contains different products and assistants for a safe and adequate intubation. Either for single use or re-use, pay attention to the detailed product description. Soft PVC, autoclavable silicone and user friendly labeling and documentation for assistance during use are only a few features of our AEROtube® Airway Management Series.



AEROTube® - Universal Tubing Systems

PVC spiral coiled, single use smoothbore tubing and tubing systems available in 1.80 m with 22 mm diameter and 22 mm cuffs. The universal tubing systems are equipped with a valve regulation hose and optionally with a pressure regulation hose, phthalate- and latex free.

with valve regulation hose



Incl. quick shutoff coupling (only HBSS01-U2.0-VK1)



Manufacturer	Device	Item No.
Airox	Legendair Twinair*	1 HBSS01-U1.1
Breas	PV 501 VIVO 50	
Dräger	Camena	
Hoffrichter	Carat I + II	
NPB	Achieva LP10	
Saima	Helia 2/S VS Integra*/Ultra*	2 HBSS01-U2.0 2 HBSS01-U2.0-VK1 3 HBSS01-U2.1
Airox	Legendair Plus Twinair*	
Breas	PV 401/403	
Dräger	EV 800/801 Respicare CV	
Hoffrichter	Carat I + II	
Lifecare	LC 100/101	
NPB	Achieva, LP10	
Respironics	PLV 100/102	
Saima	Helia 2 VS Ultra*	
Airox	Legendair Smartair Plus	

Quick shutoff coupling

Colder type, with connector for 3-4 mm tubes



Item No.
5 HBSS01-U-VK1

* Shutoff quick coupling HBSS01-U-VK1 device sided for expiratory tubing necessary (Only for HBSS01-U1.1 | HBSS01-U2.0 | HBSS01-U2.1)

Universal-IPPB-Tubing-System

22 mm tubing system for IPPB-Devices, 1.20 m corrugated tubing, 22 mm cuffs, 20 ml aerosol nebulizer, patient valve with 22 mm expiration outlet, 2 regulation tubes, mouth piece.



Item No.	Length / Diameter	Expiratory Outlet
HBSS02-IPPB	1.20/ 22 mm	22 mm OD

AERObube® - Universal CPAP-Tubing and -Tubing Systems

Universal 15 mm and 22 mm tubing and tubing systems with 22 mm cuffs available in different lengths, made of high quality plastomer, suitable for most common CPAP devices. Flexible and kink-safe spiral coiled smoothbore tubing, temperature resistant up to 75 °C, single packed.

1



CPAP-Tube

- 22 mm Ø
- 22 mm cuffs

1 CPAP-Tubing

Length	Item No.
0.60 m	HCS01-600-G
1.80 m	HCS01-1800-G
2.00 m	HCS01-2000-G
2.70 m	HCS01-2700-G

2



CPAP-Tube "Slim Style"

- 15 mm Ø
- 22 mm cuffs
- Lighter and thinner than standard tubing

2 CPAP-Tubing "Slim Style"

Length	Item No.
1.80 m	HCS01-1800-GSL

3



CPAP-Tube systems

- 22 mm Ø
- 22 mm cuffs
- Internal regulation hose
- 2 lock plugs

3 CPAP-Tubing Systems

Length	Pressure regulation tube- Length and wall thickness	Item No.
1.80 m	2.30 m / 3 x 1	HCSS01-1800-U1
2.70 m	3.20 m / 3 x 1	HCSS01-2700-U1
1.80 m	2.00 m / 4 x 1	HCSS01-1800-MAP

* 300 mm longer at device side and 200 mm longer at mask side, trimmable

AERObube® - Lock Plugs

Lock plugs (1 pair) for AERObube® - CPAP-tubing systems, for pressure regulation tubes 2-3 mm (ID).



Accessories - CPAP-Tubing | - Tubing Systems

Item No.

HCSS01-VST-30

CPAP-Tubing System for SOMNOcomfort (Löwenstein Medical Technology / Weinmann)

CPAP-tubing system 1.80 m for CPAP-device SOMNOcomfort (Löwenstein Medical Technology / Weinmann).



CPAP-Tubing system



- 22 mm Ø
- 22 mm cuffs
- Internal pressure regulation hose
- 2 lock plugs

CPAP-Tubing System

Length	Pressure regulation tube- length and wall thickness	Item No.
1.80 m	1.90 m / 3 x 1	HCSS03-1800-WM

AEROTube® - Tubing Connectors

Tubing connectors / adapter for AEROTube® CPAP-tubing.

- 1  **Single use**
 - 22M/15F - 22M/15F
- 3  **Single use**
 - 22M - 22F
 - O₂-Connector


Accessories - CPAP-Tubing | - Tubing Systems

- 2  **Reusable**
 - Autoclavable up to 134 °C
 - 22M/15F - 22M/15F

Material	Item No.
1 Polyethylene, single use	HBAD01-22M15F-22M15F
2 Polysulfone, reusable	HBAD02-22M15F-22M15F
3 Polyethylene, single use	HBAD01-22M-22F-6

AEROTube® - Accessories for CPAP-Therapy

Products for improved hygiene and comfort during CPAP-Therapy.

- 1  **Tube Cleaning System**
CPAP tube cleaning system for an easy cleaning and storage of CPAP tubes
 - For all CPAP-Tubing with 22 mm cuffs
 - Attachment: Suction or hook

Delivery without tubing



- 4  **Nose Pads**
Gel pads for CPAP-Masks
 - Reduce pressure | reduce leakage
 - Protection from skin irritation
- 5  **Medium/Large**
 - Latex free, hypoallergenic and washable
 - Usage period up to 30 days
 - Dimensions:
approx. 8.6 x 3.1 cm (Petite/Small)
approx. 9.3 x 3.5 cm (Medium/Large)

- 6  **Cleaning Wipes**
For CPAP-Masks
 - Wet wipes for daily cleaning
 - Removes dirt, lubricates, oils

(Available soon)

- 2  **Hose Wrap**
Reduces of condensation inside tubing
 - Maximizes heat retention along the tube
 - High quality nylon material
 - Hand wash
 - 173 cm length
 - Compatible with 1.80 m CPAP-Tubing

Delivery without tubing

- 7  **Special Cleaning Fluid**
For CPAP-Tubes/ -Masks and -Accessories
 - Hygienic cleanness
 - Pleasant freshness

(Available soon)

- 3  **Mask Stand**
For storage of CPAP masks
 - Compatible with nearly all CPAP-Masks, nose masks, full-face masks
 - Ideal for drying after mask cleaning
 - Dimensions (W x H x D):
approx. 17.8 x 23.8 x 14 cm

Item Description	Item No.
Tube-Cleaning-System	1 HCZ01-RS1-HB
Hose Wrap	2 HCZ01-SH1-BLK
Mask Stand	3 HCZ01-ST1-W
Nose Pads Petite/Small	4 HCZ01-NP-PS
Nose Pads Medium/Large	5 HCZ01-NP-ML
Cleaning Wipes	6 HCZ01-RT1
Special Cleaning Fluid	7 HCZ01-RF1-500

AEROtube® - Ventilation Tubings and Ventilation Tubing Systems

Single-use and reusable ventilation tubing and tubing systems for anesthesia and emergency environments, non-sterile, single hygienic packaging.

Configuration Options

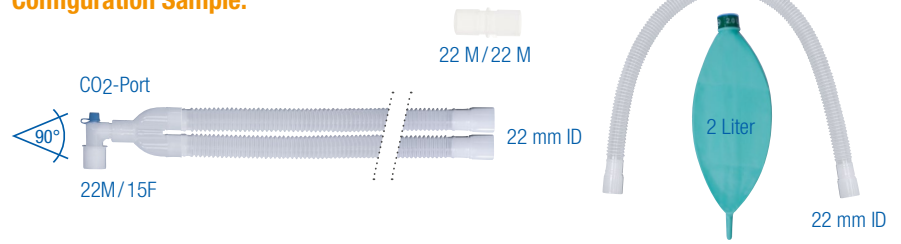
Tubing Ø and patient type

- 22 mm tubing for adults
- 15 mm tubing for children

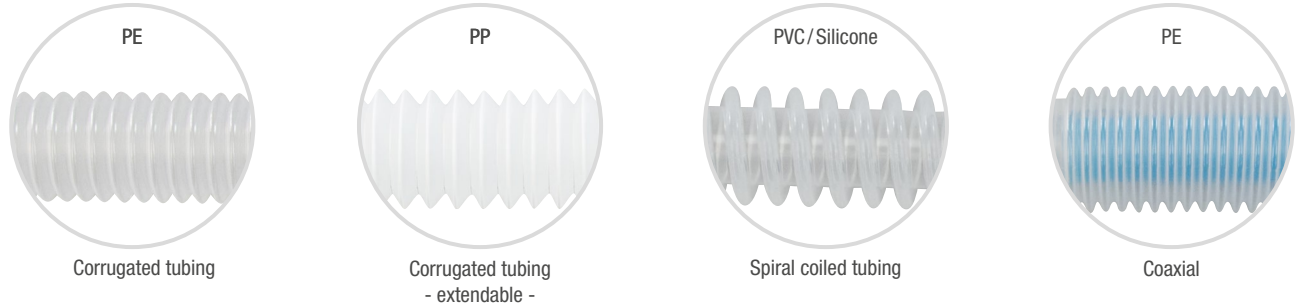
Tubing lengths

Different lengths possible
(Fix length | extendable)

Configuration Sample:



Material and Models



Breathing Bag

0.5 / 1.0 / 2.0 / 3.0 Liter



Connectors

Y-Connector



Y-Connector



with pressure- and temperature port

Y-Connector straight



Y-Connector straight



with luer lock/CO₂ port

90° angled connector



90° angled connector



with luer lock/CO₂ port

water trap



reusable

water trap



single use

PSF tubing connector



22M/15F - 22M/15F

PC tubing connector



22M - 22F with O₂-connector

PE tubing connector



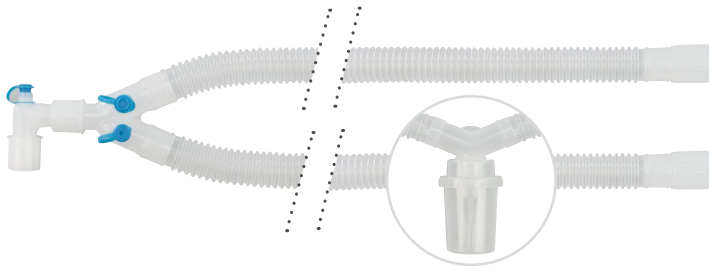
22M/15F - 22M/15F

PC tubing connector



15F - 15F

PE Ventilation Tubing Systems (Corrugated Tubing)



Also with additional set-components available:



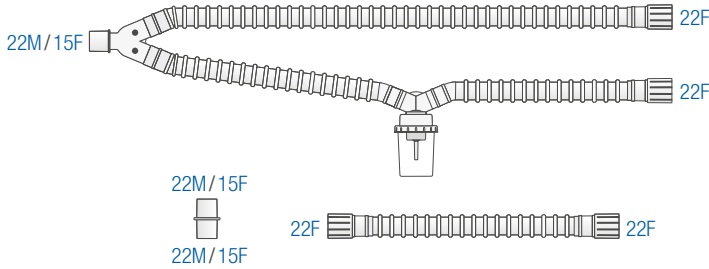
breathing bag



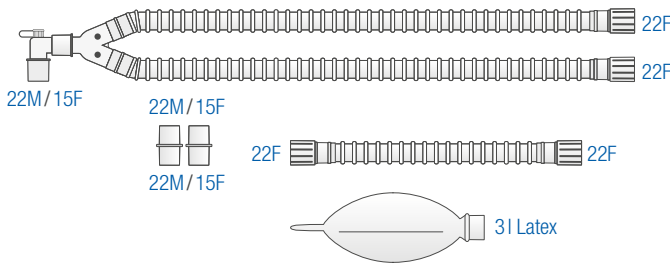
22M/15F-22M/15F connector



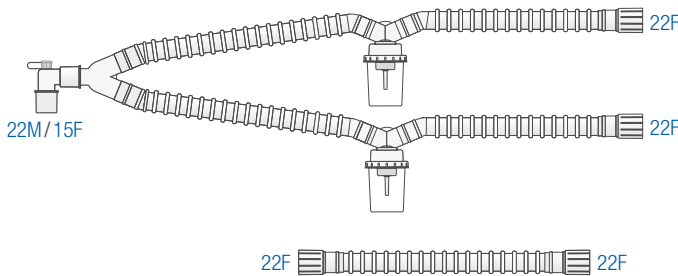
additional limb



Model	Item No.
Adults 22 mm / 1.50 m Y-piece with pressure- and temperature port 1 water trap additional limb 0.75 m 22M / 15F-22M / 15F connector	HBSS12-150E1-013DA



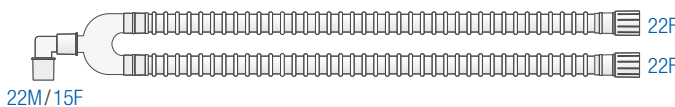
Model	Item No.
Adults 22 mm / 1.50 m 90° angled adapter with luer-lock / CO ₂ -connector Y-piece with pressure- and temperature port additional limb 0.75 m 2 x 22M / 15F-22M / 15F connector 3 liter latex breathing bag	HBSS12-150E1-270DG



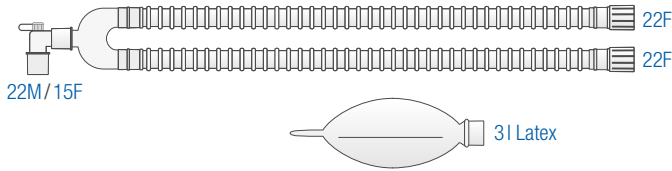
Model	Item No.
Adults 22 mm / 1.50 m 90° angled adapter with luer-lock / CO ₂ -port Y-piece without ports 2 water traps additional limb 0.75 m	HBSS12-150E1-318B1



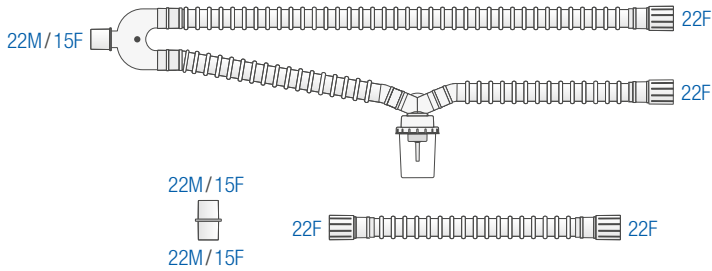
Model	Item No.
Adults 22 mm / 1.50 m Y-piece straight, without ports	HBSS12-150E1-451



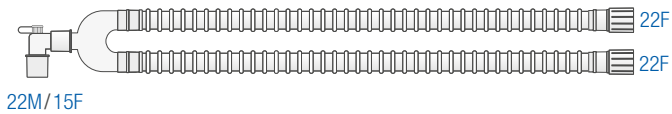
Model	Item No.
Adults 22 mm / 1.50 m 90° angled adapter without ports Y-piece straight, without ports	HBSS12-150E1-701



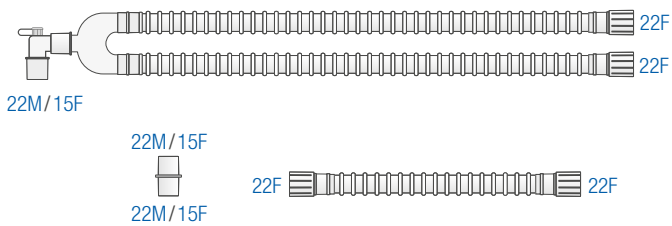
Model	Item No.
Adults 22 mm / 1.50 m 90° angled adapter with luer-lock / CO ₂ -port Y-piece straight, without ports 3 liter latex breathing bag	HBSS12-150E1-704L3



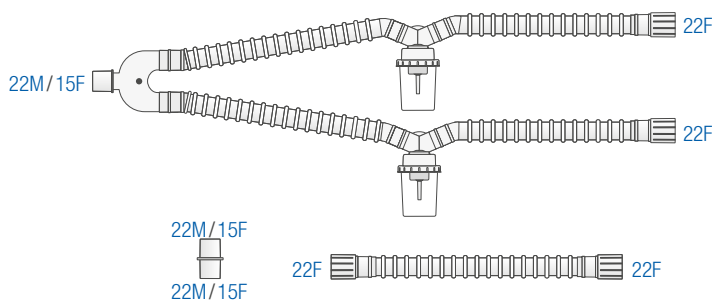
Model	Item No.
Children 15 mm / 1.50 m Y-piece straight with luer-lock / CO ₂ -port 1 water trap additional limb 0.75 m 22M / 15F-22M / 15F connector	HBSS12-150K1-462DB



Model	Item No.
Adults 22 mm / 1.50 m 90° angled adapter with luer-lock / CO ₂ -port Y-piece straight, without ports	HBSS12-150E1-704



Model	Item No.
Children 15 mm / 1.65 m 90° angled connector with luer-lock / CO ₂ -port Y-piece straight without port additional limb 0.75 m 22M / 15F-22M / 15F connector	HBSS12-165K1-704DB

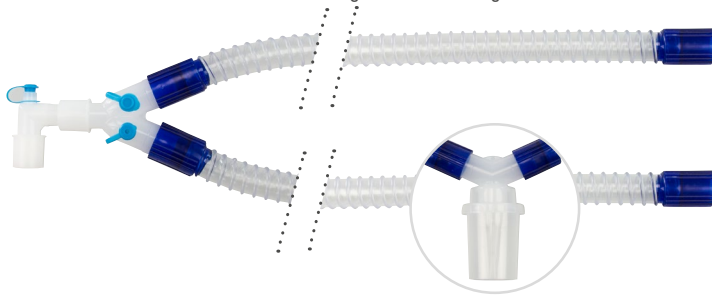


Model	Item No.
Children 15 mm / 1.50 m Y-piece straight with luer-lock / CO ₂ -port 2 water traps additional limb 0.75 m 22M / 15F-22M / 15F connector	HBSS12-150K1-470DB

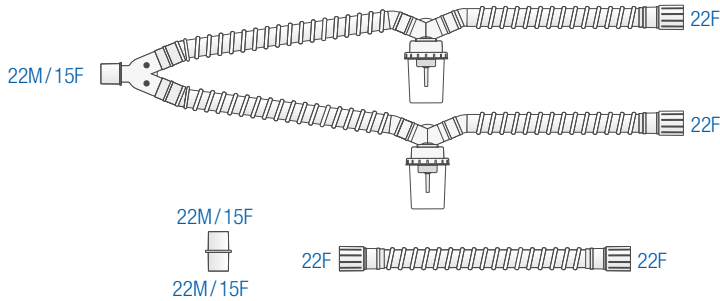
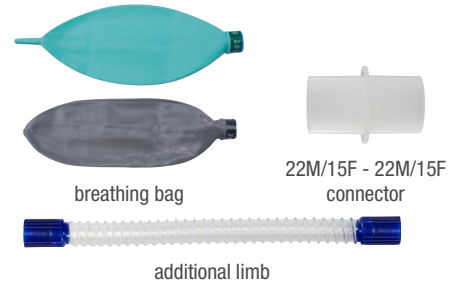
PVC-Ventilation Tubing Systems (Spiral Coiled Tubing, smoothbore)

Spiral coiled walls and smooth interior

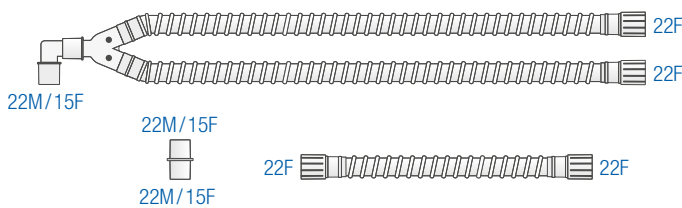
- Extremely flexible | absolutely kink safe
- Minimize fluid concentrations | reduces growth of microorganisms



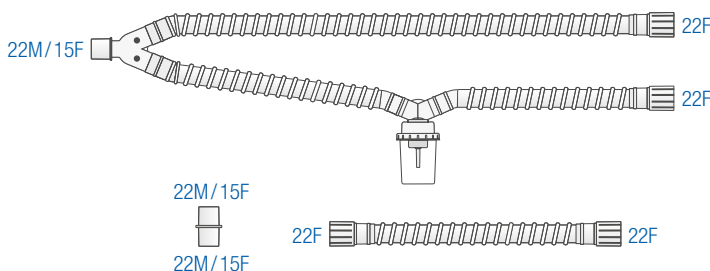
Also with additional set-components available



Model	Item No.
Adults 22 mm / 1.50 m Y-piece with pressure and temperature port 2 water traps additional limb 0.75 m 22M / 15F-22M / 15F connector	HBSS11-150E1-021AA
Children 15 mm Components as mentioned above	HBSS11-150K1-021AB

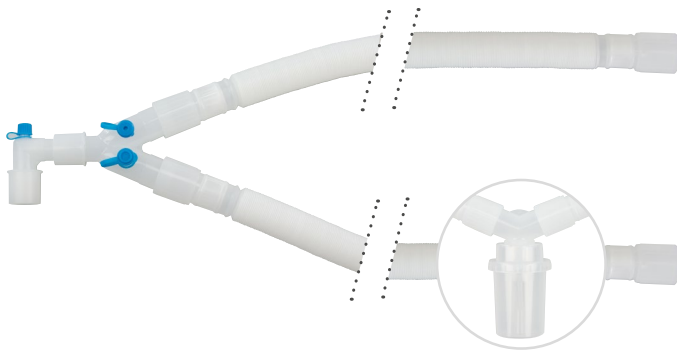


Model	Item No.
Adults 22 mm / 1.50 m Y-piece with pressure and temperature port- 90° angled connector additional limb 0.75 m 22M / 15F-22M / 15F connector	HBSS11-150E1-267AA
Children 15 mm / 1.50 m Components as mentioned above	HBSS11-150K1-267AB



Model	Item No.
Children 15 mm / 1.50 m Y-piece with pressure and temperature port 1 water trap additional limb 0.75 m 22M / 15F-22M / 15F connector	HBSS11-150K1-013AB

PP-Ventilation Tubing Systems (Corrugated Tubing, extendable)



Also with additional set-components available:



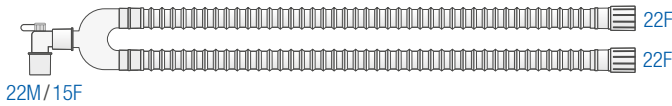
breathing bag



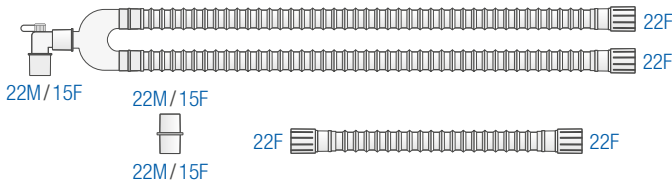
22M/15F-22M/15F connector



additional limb



Model	Item No.
Adults 22 mm / 0.60 m up to 2.40 m extendable 90° angled connector with luer-lock / CO ₂ -port Y-piece straight, without ports	HBSS14-240E1-704

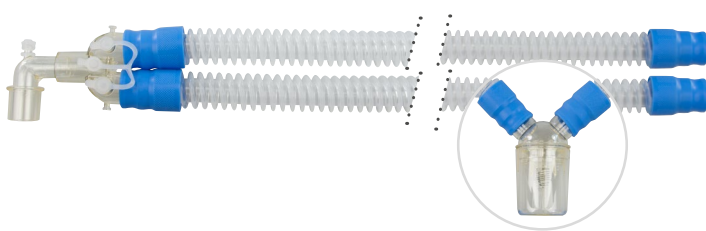


Model	Item No.
Children 15 mm / 0.42 m up to 1.65 m extendable 90° angled connector with luer-lock / CO ₂ -port Y-piece straight without ports Extendable 0.20 m up to 0.75 m extra limb 22M / 15F-22M / 15F connector	HBSS14-165K1-704JB

Silicone-Ventilation Tubing Systems (Spiral Coiled Tubing, smoothbore)

Spiral coiled walls and smooth interior

- Extremely flexible | absolutely kink safe
- Minimize fluid concentration | reduce growth of microorganisms
- Autoclavable up to 134 °C | reusable



Also with additional set-components available



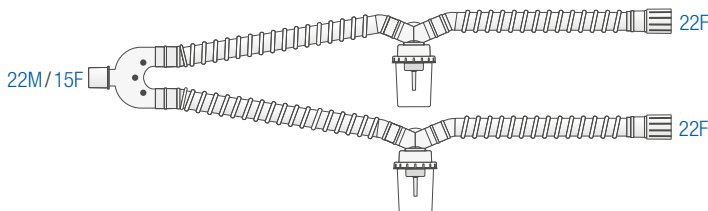
breathing bag



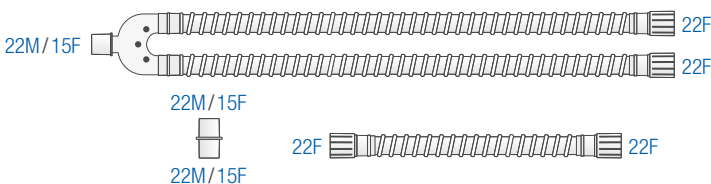
22M / 15F-22M / 15F connector



additional limb



Model	Item No.
Adults 22 mm / 1.50 m 90° angled connector with luer-lock / CO ₂ -port Y-piece straight with pressure-, temperature- and luer-lock / CO ₂ -ports 2 water traps	HBSS16-150E1-792



Model	Item No.
Adults 22 mm / 1.50 m Y-piece straight with pressure-, temperature- and luer-lock / CO ₂ -ports additional limb 0.60 m 22M / 15F-22M / 15F connector	HBSS16-150E1-458PA

Coaxial-Ventilation Tubing Systems

For use in anesthesia and intensive care environments.
Combination of 2 tubes into 1 (inspiratory and expiratory tubing)

Advantages

- Extremely kink safe
- Lightweight
- Comfortable patient ventilation
- Saves storage space and safe usage
- Single use:
Avoiding cross contamination
- Low warehousing volumes
- PE, latex free



Inspiratory gases are heated by patient expiratory gas

extremely kink safe

Available upon request:

- Integrated water trap
- Interior gas sampling line
- Additional set-components

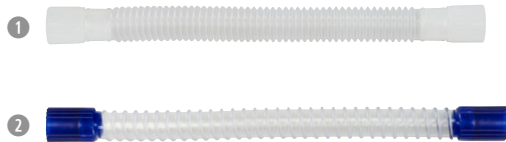


Model	Item No.
Adults 22 mm / 1.50 m 90° angled connector with luer-lock / CO ₂ -port Without gas sampling line	HBSS12-150E1C1-254
Adults 22 mm / 1.80 m Components as mentioned above	HBSS12-180E1C1-254

AEROTube® - Ventilation Tubing

PE | PCV | PP | Silicone ventilation tubing.

- For Adults | Children
- Fix length | Extendable version
- With 22F cuffs



Autoclavable up to 134 °C

Material	Model	Item No.
① Polyethylene (PE)	Adults 22 mm / 0.75 m length with 22F-cuffs	HBS12-075E1
	Children 15 mm / 0.75 m length with 22F-cuffs	HBS12-075K1
② Polyvinylchlorid (PVC)	Adults 22 mm / 0.75 m length with 22F-cuffs	HBS11-075E1
	Children 15 mm / 0.75 m length with 22F-cuffs	HBS11-075K1
③ Polypropylene (PP)	Adults 22 mm / extendable 0.20 m up to 0.75 m with 22F-cuffs	HBS14-075E1
	Children 15 mm / extendable 0.20 m up to 0.75 m with 22F-cuffs	HBS14-075K1
④ Silicone	Adults 22 mm / 0.60 m length with 22F-cuffs	HBS16-060E1

AEROTube® - Corrugated Tubing

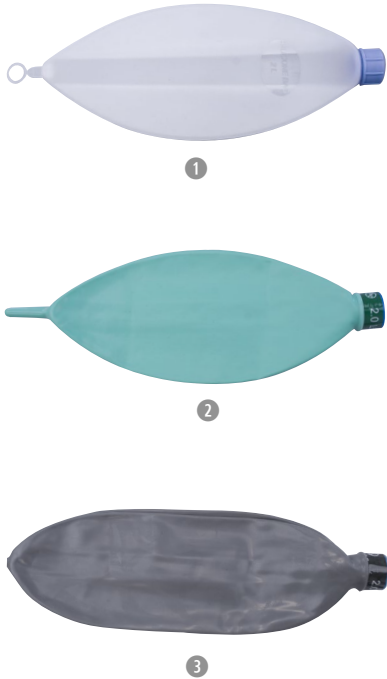
Single use corrugated tubing, 22 mm, PE and EVA material with 22 mm cuffs, fix length 0.40 m or 1 m, 30 m rolls cuttable in 0.15 m steps.



Length	Item No.
0.4 m	HFS05-22-0.40
1.0 m	HFS05-22-1
30.0 m	HFS05-22-30

AEROTube® - Breathing Bags

Single use breathing bags, latex or latex free as well as reusable silicone autoclavable up to 134 °C, with 22F-cuffs.



Material	Size	Item No.
① Silicone Autoclavable up to 134 °C	0.5 l	HBAB01-500
	1.0 l	HBAB01-1000
	2.0 l	HBAB01-2000
	3.0 l	HBAB01-3000
② Latex-free	0.5 l	HBAB02-500
	1.0 l	HBAB02-1000
	2.0 l	HBAB02-2000
③ Latex	0.5 l	HBAB03-500
	1.0 l	HBAB03-1000
	2.0 l	HBAB03-2000
	3.0 l	HBAB03-3000

AEROTube® - Components for Ventilation Tubing Systems

Tubing connectors, adapter and water traps for ventilation tubes and tubing systems.
Different connections, polyethylene (PE), polycarbonate (PC), polypropylene (PP) or polysulfone (PSF).

Accessories for Ventilation Tubing Systems 

Tubing connector



- Single use



- Reusable
- Autoclavable up to 134 °C

Water traps



- Single use



- Reusable
- Autoclavable up to 134 °C

90° angled connector



- Reusable
- Autoclavable up to 134 °C
- CO₂-port

Y-Connector



- Reusable
- Autoclavable up to 134 °C
- CO₂-port, pressure-, temperature port

Description	Material	Connectors	Item No.
Tubing connectors	Polycarbonate (PC) single use	22F - 22F	① HBAD03-22F-22F
		22M/15F - 22F	① HBAD01-22M15F-22F
	Polyethylene (PE) single use	22M/15F - 22M	① HBAD01-22M15F-22M
		22M/15F - 22M/15F	① HBAD01-22M15F-22M15F
Water trap	Polypropylene (PP) single use	22M	③ HWF06-22AD
	Polysulfone (PSF) reusable	22M	④ HWF03-22AD
90° angled connector	Polysulfone (PSF) reusable	22M/15F - 22M	⑤ HBAD02W-22M/15F-22M
Y-Connector	Polysulfone (PSF) reusable	22M/15F - 22M	⑥ HBAD02Y-22M/15F-22M

Components with different connectors available upon request

AEROTube® - Disposable Catheter Mounts

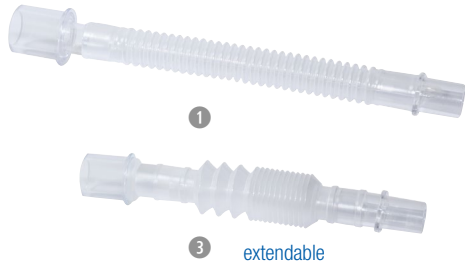
Single use catheter mounts for the connection of the ventilation tubing system towards the patient.
Patientside connections 22M/15F.

Different models available:

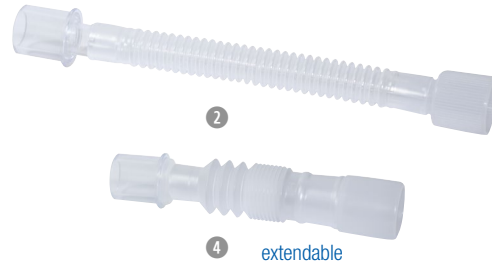
- Device side connections 15M or 22F
- Fixed length of 180 mm PE and EVA | extendable between 90 - 140 mm or 110 - 180 mm PP
- Straight | 90° double swivel connector | 90° double swivel connector with suction port

Straight

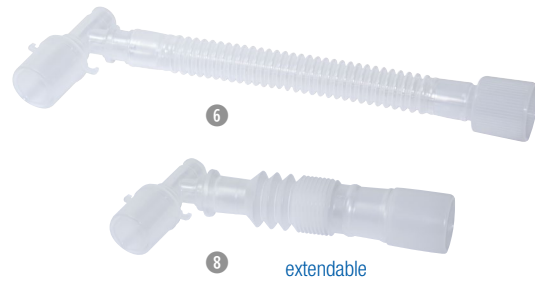
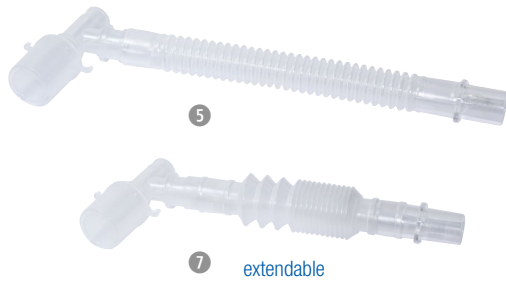
Device side connector 15M



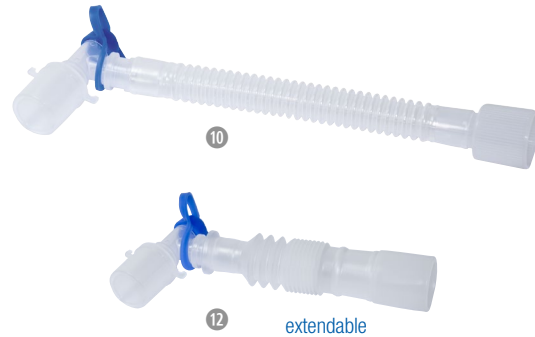
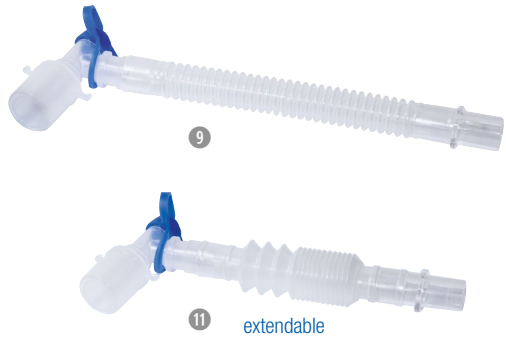
Device side connector 22F



90°-Double swivel connector



90°-Double swivel connector with suction port



Model	Connectors		Length		Item No.
	Patient	Device	Fix	Extendable	
Straight	22M / 15F	15M	180 mm		① HTV06-15M/18
	22M / 15F	22F	180 mm		② HTV06-22F/18
	22M / 15F	15M		110 - 180 mm	③ HTV06-15M/18A
	22M / 15F	22F		90 - 140 mm	④ HTV06-22F/14A
90°-Double swivel connector	22M / 15F	15M	180 mm		⑤ HTV06-15M/18-DK
	22M / 15F	22F	180 mm		⑥ HTV06-22F/18-DK
	22M / 15F	15M		110 - 180 mm	⑦ HTV06-15M/18A-DK
	22M / 15F	22F		90 - 140 mm	⑧ HTV06-22F/14A-DK
90°-Double swivel connector with suction port	22M / 15F	15M	180 mm		⑨ HTV06-15M/18-DKK
	22M / 15F	22F	180 mm		⑩ HTV06-22F/18-DKK
	22M / 15F	15M		110 - 180 mm	⑪ HTV06-15M/18A-DKK
	22M / 15F	22F		90 - 140 mm	⑫ HTV06-22F/14A-DKK

AEROtube® - Tracheostomy Compresses



Nonwoven compresses for the absorption of tracheal secretions of tracheotomised patients.

- Versions 1-ply or 2-ply
- Size 9 x 10 cm
- Extra absorbent and breathable
- Patient-side polyethylene coating prevents sticking
- Very good padding of the tracheal cannula plate against the skin
- Slotted and circular shaped for easy application / replacement, even whilst wearing the tracheostomy tube



Model	Dimensions	Item No.
1-ply	9 x 10 cm	① HTS01-VP11-9x10
2-ply	9 x 10 cm	② HTS01-VP21-9x10

AEROtube® - Test Lung

Reusable test lung for function tests of ventilation devices incl. tubing systems, dimensions 292 x 100 x 42 mm, weight 223 g.

- 1000 ml volume
- 15 mm ISO-connector
- Compliance: 26 ml/cmH₂O at VT 600 ml
- Resistan: 17.7 cmH₂O / 0.5 l/sec.
- Tidal volume: 0-600 ml
- Autoclavable up to 120 °C



Color	Item No.
White	HTL02-1000W

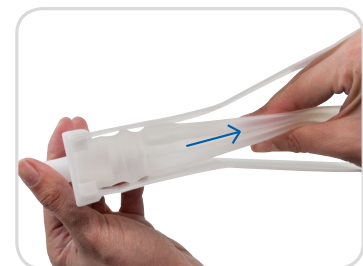
Simple dissembling and cleaning



Remove fixation ring to loosen the silicone bag from the test lung body.



Open the test lung body.



Remove silicone bag from the test lung body.

AEROtube® - Silicone Bag

Silicone bag for AEROtube® test lung, 1 liter volume, transparent white, autoclavable up to 120 °C.

Spare Parts - Test Lung 



Item No.
HTL02-SB1000

Reusable laryngoscope blades made of high quality stainless steel.

- Compatibility according to DIN ISO 7376 (green standard)
- Fiber optic with excellent light conductivity
- Smooth, rounded mat surface
- Autoclavable up to 134 °C

Different versions:

- Blade types: MacIntosh (curved) | Miller (straight) | McCoy (foldable)
- Reusable blades: Light guide outside (**ECO**) | Light guide integrated (**PRO**)

Light guide outside ECO-Version

Excellent light conductivity (Light guide Ø 4 mm)



Reusable blades **ECO**

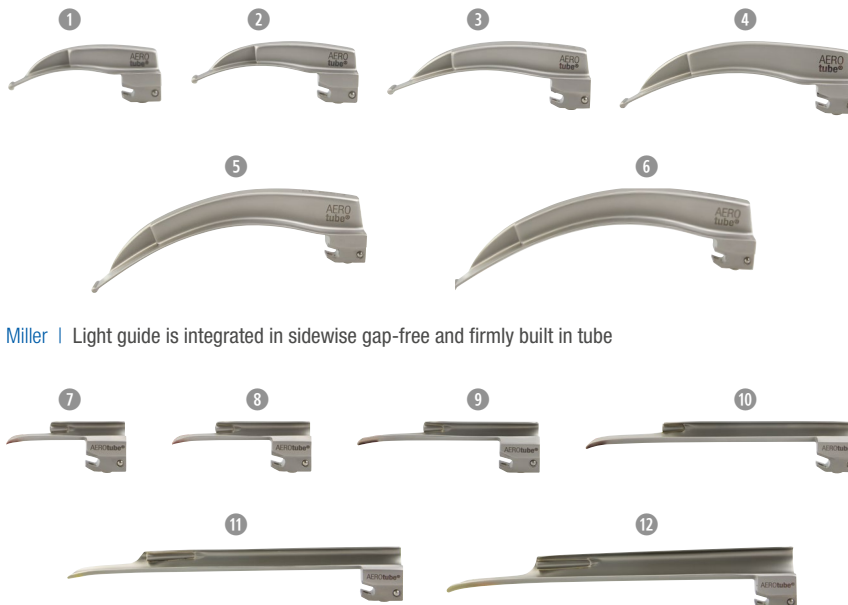
MacIntosh	Size	Item No.
	0	① HLK02-SMC0-M
	1	② HLK02-SMC1-M
	2	③ HLK02-SMC2-M
	3	④ HLK02-SMC3-M
	4	⑤ HLK02-SMC4-M
	5	⑥ HLK02-SMC5-M

Reusable blades **ECO**

Miller	Size	Item No.
	00	⑦ HLK02-SML00-M
	0	⑧ HLK02-SML0-M
	1	⑨ HLK02-SML1-M
	2	⑩ HLK02-SML2-M
	3	⑪ HLK02-SML3-M
	4	⑫ HLK02-SML4-M

Integrated Light Guide PRO-Version

No interspaces - easy cleaning and sterilisation | Excellent light conductivity (Light guide Ø 4 mm)



Reusable blades **PRO**

MacIntosh	Size	Item No.
	0	① HLK02-SMC0PRO-M
	1	② HLK02-SMC1PRO-M
	2	③ HLK02-SMC2PRO-M
	3	④ HLK02-SMC3PRO-M
	4	⑤ HLK02-SMC4PRO-M
	5	⑥ HLK02-SMC5PRO-M

Reusable blades **PRO**

Miller	Size	Item No.
	00	⑦ HLK02-SML00PRO-M
	0	⑧ HLK02-SML0PRO-M
	1	⑨ HLK02-SML1PRO-M
	2	⑩ HLK02-SML2PRO-M
	3	⑪ HLK02-SML3PRO-M
	4	⑫ HLK02-SML4PRO-M

Miller | Light guide is integrated in sidewise gap-free and firmly built in tube

Foldable | Opportunity to lift the epiglottis through a movable, foldable tip



Reusable blades **PRO**

McCoy	Size	Item No.
	3	⑦ HLK02-SCY3PRO-M
	4	⑧ HLK02-SCY4PRO-M

AEROTube® - Coldlight Laryngoscope Blades Single use

Metal

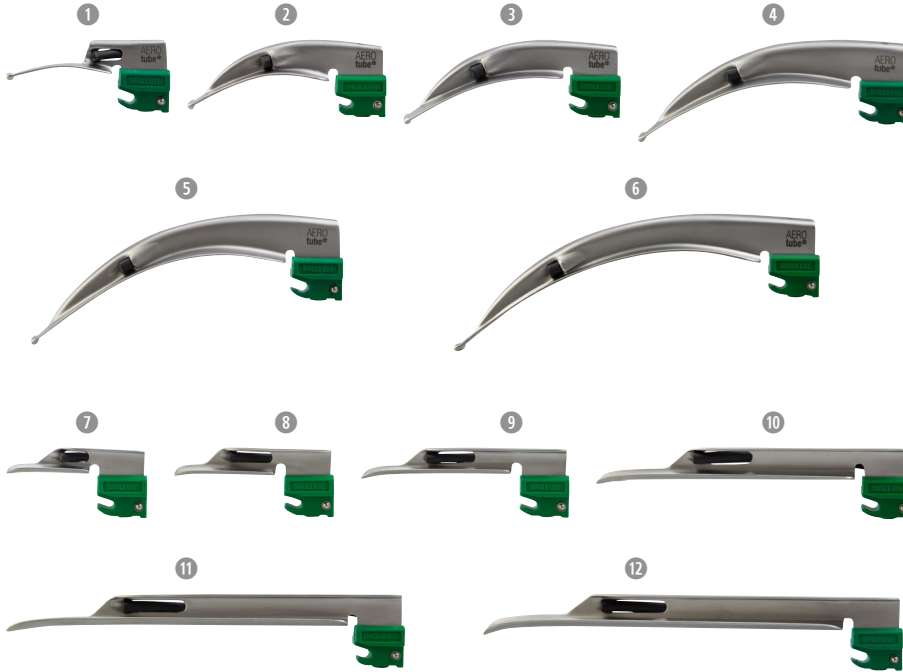
Single use laryngoscope blades made of high quality stainless steel.

Different versions:

- Compatibility according to DIN ISO 7376 (green standard)
- Coated acrylic light guide with excellent light conductivity
- Blade types: MacIntosh (curved) | Miller (straight)
- Smooth, rounded mat surface

Light guide outside ECO-Version

With coated light guide (prevents reflexions) | Hygienic safe | No cross contamination risk | No cleaning efforts



Single use blades ECO

MacIntosh	Size	Item No.
	0	① HLK02-SMC0LS-E
	1	② HLK02-SMC1LS-E
	2	③ HLK02-SMC2LS-E
	3	④ HLK02-SMC3LS-E
	4	⑤ HLK02-SMC4LS-E
	5	⑥ HLK02-SMC5LS-E

Single use blades ECO

Miller	Size	Item No.
	00	⑦ HLK02-SML00LS-E
	0	⑧ HLK02-SML0LS-E
	1	⑨ HLK02-SML1LS-E
	2	⑩ HLK02-SML2LS-E
	3	⑪ HLK02-SML3LS-E
	4	⑫ HLK02-SML4LS-E

AEROTube® - Laryngoscope Handle Reusable

Metal

Battery-operated reusable Coldlight Laryngoscope Handle with powerful LED-light source.

- Compatibility according to DIN ISO 7376 (green standard)
- High quality brass with nickel-chrome coating

Models:

- Standard (Ø 28 mm) | Slim (Ø 19 mm) | Short (Ø 32 mm)

ECO

Standard LED with very good luminosity



Standard (Ø 28 mm)

Slim (Ø 19 mm)

Short (Ø 32 mm)

Item No.
① HLK02-GB28-M
② HLK02-GB19-M
③ HLK02-GB32-M

PRO

High Power-LED with extra strong luminosity > 5000 lx
(Depending on the quality of the light guide of the blade)



Standard (Ø 28 mm)

Slim (Ø 19 mm)

Short (Ø 32 mm)

Item No.
④ HLK02-GB28PRO-M
⑤ HLK02-GB19PRO-M
⑥ HLK02-GB32PRO-M

Delivery without batteries

AEROTube® - Coldlight Laryngoscope Single use

Plastic

Single use coldlight laryngoscope blades, stable polycarbonate (PC), type MacIntosh and Miller.

- Compatibility according DIN ISO 7376 (green standard)
- Fiber optic with excellent light conductivity
- Smooth, rounded surface



Blade Type	Size	Item No.
MacIntosh	2	① HLK01-SM2
	3	② HLK01-SM3
	4	③ HLK01-SM4
Miller	0	④ HLK01-SMILO
	1	⑤ HLK01-SMIL1
	2	⑥ HLK01-SMIL2
	3	⑦ HLK01-SMIL3

AEROTube® - Coldlight Laryngoscope Handle Single use

Plastic

Stable polycarbonate coldlight laryngoscope handle

- Compatibility according DIN ISO 7376 (green standard)
- Excellent lighting
- Lightweight



Item No.
HLK01-G

Delivery without batteries

AEROTube® - Laryngoscope-Set and Storage Box

Single use coldlight laryngoscope set developed especially for emergencies. Consisting of handle and 6 blades in a red storage box with foam padding.

Complete SET

- Incl. handle
- Incl. 3 Miller blades (size 0-2)
- Incl. 3 MacIntosh blades (size 2-4)
- Storage box



Dimensions: 25 x 28 x 4.5 cm (W x H x D)
Weight: 555 g



Storage box also available separately

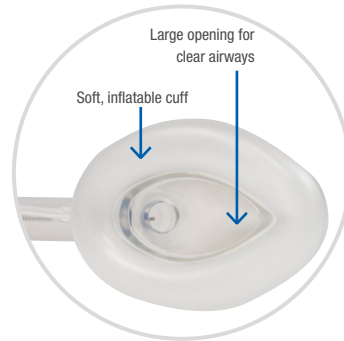
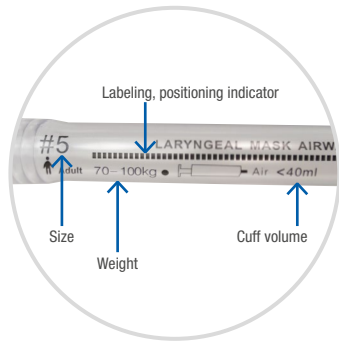
Item Description	Item No.
Coldlight Laryngoscope-Set incl. Box	① HLK01-SET
Storage box separately	② HLK01-BOX

AEROTube® - Laryngeal Airway Masks

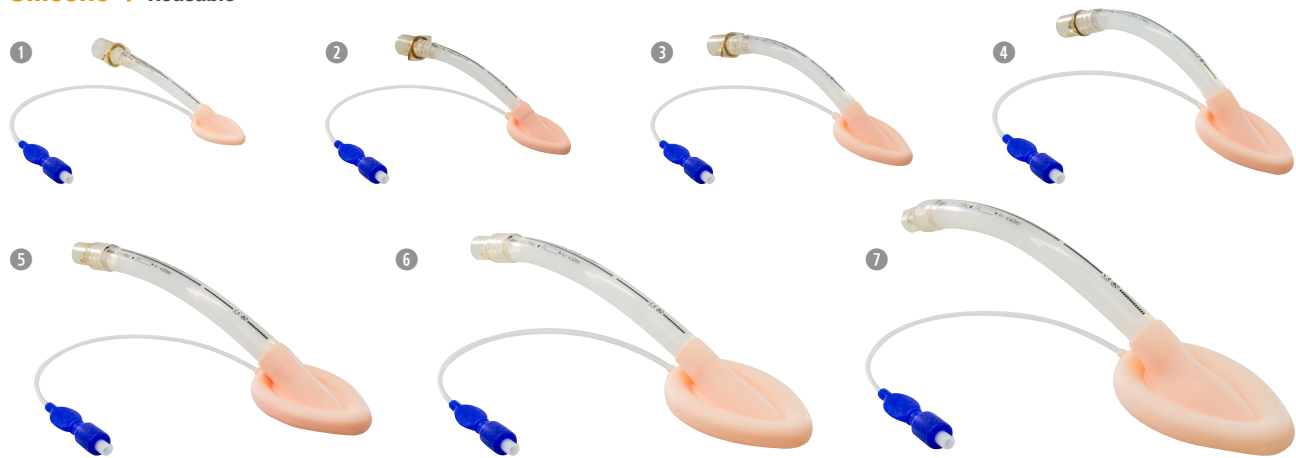


Silicone laryngeal airway masks, autoclavable up to 134 °C and reusable as well as single use PVC version, colour coded.

- 15 mm ISO-connector
- Marking for correct positioning
- Soft, standard formed cuff for an excellent sealing
- Control balloon for monitoring of cuff pressure
- Single sterile packed



Silicone | Reusable



PVC | Single Use



Size	Patient Group	Body Weight (kg)	OD mm (±0.2)	ID mm (±0.2)	max. Cuff Volume ml	Item No.	
						Silicone Reusable	PVC Single Use
1	Neonates	00 - 5	8.8	5.8	4.0	① HLM11-1	⑥ HLM12-1 ■
1.5	Infants	05 - 10	10.0	6.0	7.0	② HLM11-1.5	⑨ HLM12-1.5 ■
2	Infants/Children	10 - 20	12.0	7.8	10.0	③ HLM11-2	⑩ HLM12-2 ■
2.5	Children	20 - 30	13.2	8.5	14.0	④ HLM11-2.5	⑪ HLM12-2.5 ■
3	Children	30 - 50	15.0	10.2	20.0	⑤ HLM11-3	⑫ HLM12-3 ■
4	Adults	50 - 70	15.0	10.0	30.0	⑥ HLM11-4	⑬ HLM12-4 ■
5	Adults	70 - 100	17.0	12.0	40.0	⑦ HLM11-5	⑭ HLM12-5 ■

AEROTube® - Endotracheal Tubes

Single use endotracheal tubes

- Magill-Type with Murphy Eye
- 15 mm ISO-Connector
- Positioning markings
- Soft low pressure cuff
- Control balloon for cuff pressure monitoring
- Single sterile packed

Different versions:

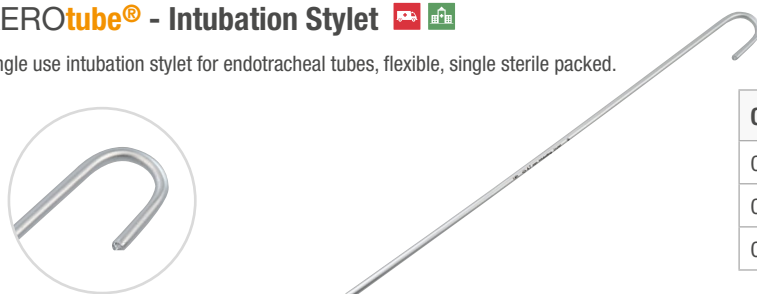
- Without cuff | With low pressure cuff | Set consisting of endotracheal tube with low pressure cuff, intubation stylet and syringe



Size	Diameter		Item No.		
	OD mm (±0,15)	ID mm (±0,15)	① Without cuff	② With cuff	③ SET
2	2.7	2.0	HET01-20		
2.5	3.3	2.5	HET01-25		
3	4.0	3.0	HET01-30		
3.5	4.7	3.5	HET01-35	HET01-35M	
4	5.3	4.0	HET01-40	HET01-40M	
4.5	6.0	4.5	HET01-45	HET01-45M	
5	6.7	5.0	HET01-50	HET01-50M	HET01-50M-SET
5.5	7.3	5.5	HET01-55	HET01-55M	HET01-55M-SET
6	8.0	6.0	HET01-60	HET01-60M	HET01-60M-SET
6.5	8.7	6.5	HET01-65	HET01-65M	HET01-65M-SET
7	9.3	7.0	HET01-70	HET01-70M	HET01-70M-SET
7.5	10.0	7.5	HET01-75	HET01-75M	HET01-75M-SET
8	10.7	8.0	HET01-80	HET01-80M	HET01-80M-SET
8.5	11.3	8.5	HET01-85	HET01-85M	HET01-85M-SET
9	12.0	9.0	HET01-90	HET01-90M	HET01-90M-SET
9.5	12.7	9.5	HET01-95	HET01-95M	
10	13.3	10.0	HET01-100	HET01-100M	

AEROTube® - Intubation Stylet

Single use intubation stylet for endotracheal tubes, flexible, single sterile packed.



CH / mm	Item No.
CH06 / 2.0 mm	HET01-FS06
CH10 / 3.3 mm	HET01-FS10
CH14 / 4.7 mm	HET01-FS14

Intubation stylets in other charrière available upon request

AEROTube® - EASY Fix Endotracheal Tube Holder



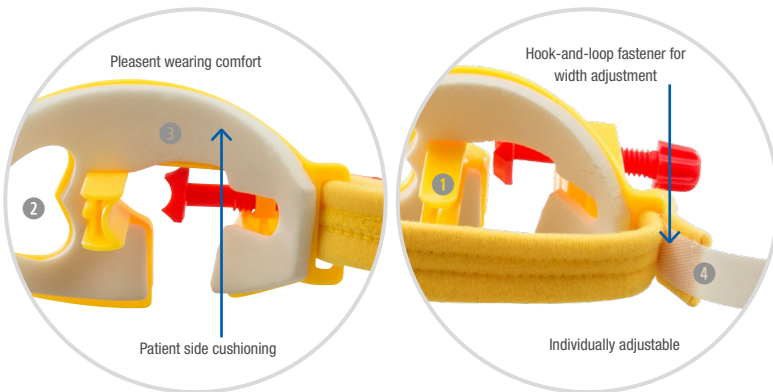
Tube holder for adults with quick-fix screw for a safe fixation of single and double lumen ventilation tubes (OD 6.5 mm - 19 mm), single sterile packed.

- 1 Integrated bite block
- 2 Wide opening for suction possibility
- 3 Patient side padding
- 4 Velcro strap for correct fit adjustment
- 5 Guide bar for head strap

Item No.
HET01-H-E



5 Guide bar



Tactical version available upon request

AEROTube® - Oropharyngeal Tubes

Single-use oropharyngeal airway tubes guedel type, semi-transparent, single hygienic packaging.

- Flexible polyethylene
- Stable, integrated polypropylene bite block
- Color coded according to sizing



Size	Length	Color Coding	Item No.
000	40 mm	■	1 HOT21-G000
00	50 mm	■	2 HOT21-G00
0	60 mm	■	3 HOT21-G0
1	70 mm	□	4 HOT21-G1
2	80 mm	■	5 HOT21-G2
3	90 mm	■	6 HOT21-G3
4	100 mm	■	7 HOT21-G4
5	110 mm	■	8 HOT21-G5
6	120 mm	■	9 HOT21-G6

Guedel-Sets available in polybag packaging or in transparent and safe storage box.



Storage box for AEROTube® - guedel airways size 000-5
Dimensions (W x H x D) 17 x 13 x 4.5 cm

Guedel	Packaging	Item No.
000 up to 5	Storage box	HOT21-G000-5-BOX
000 up to 6	Polybag	HOT21-G000-6
Storage box without content		HOT21-G-BOX

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