galemed®
Specialty in Respiratory Care

2023 Anesthesia Circuit

Your Most Trusted
Health Partner

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galemed® Specialty in Respiratory Care

Anesthesia Circuit can be best described as the lifeline between the patient and anesthesia workstation. It consists of various combinations of interfaces, enabling the delivery of anesthetic gases to the patients to be in a consistent and highly regulated manner. Hence, we provide a wide range of devices to equip you with tools to deliver the best outcome to you.

Galemed provides a comprehensive line of products and technologies for anesthesia. The improved design makes it convenient to use and also maintains the outstanding quality that healthcare professionals rely on.

Your Best Choice for Anesthesia Circuit

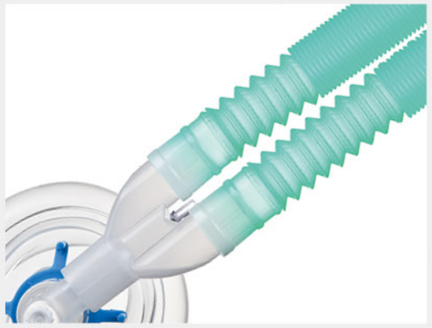
Anesthesia Breathing Circuits & Accessories

Airway Management

Airway management is an important first step in the domain of mechanical ventilation and anesthesia. It directly impacts on the safety of patients. We offer a range of Berman and Guedel airways that are safe, effective and able to provide greater flexibility to healthcare professionals.

Anesthesia Circuits

Our anesthesia circuits are available in durable and disposable models. We also provide fixed or adjustable lengths for the disposable models for more flexibility. To provide a combination that best suits your needs, a wide selection of circuits and accessories are also available.



Face Masks

Face mask is another important aspect in respiratory care. We also designed face masks a step further by incorporating a port onto the mask that allows the insertion of measuring tubes, nasogastric tubes or endoscopy tubes.

Heat and Moisture Exchange Filters (HMEF) & Filters

Respiratory humidification and cross-infection prevention are crucial in mechanical ventilation and anesthesia. We deliver a wide range of HMEF and Filters to provide humidification to the inhaled air for enhanced patient comfort, while minimizing the risk of cross-infection.

Breathing Bags

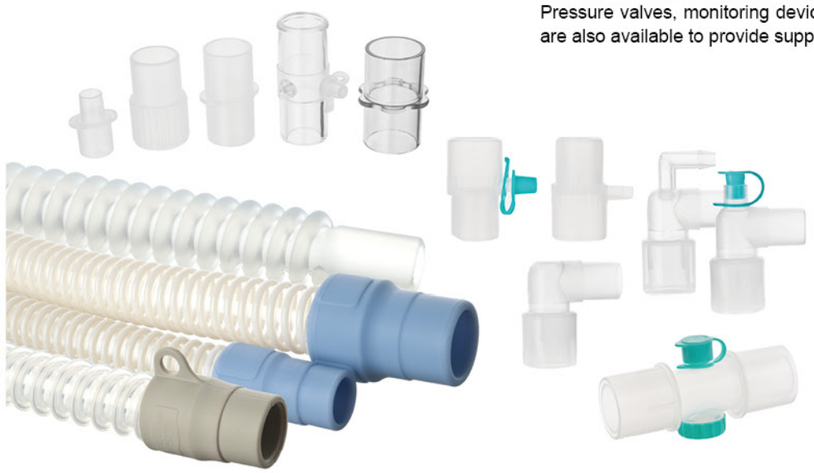
In addition to the standard latex options in the market, we also supply non-latex and silicone breathing bags to mitigate the risk of allergic reactions in patients. The bags come in volumes ranging from 0.5 liter to 3 liter.

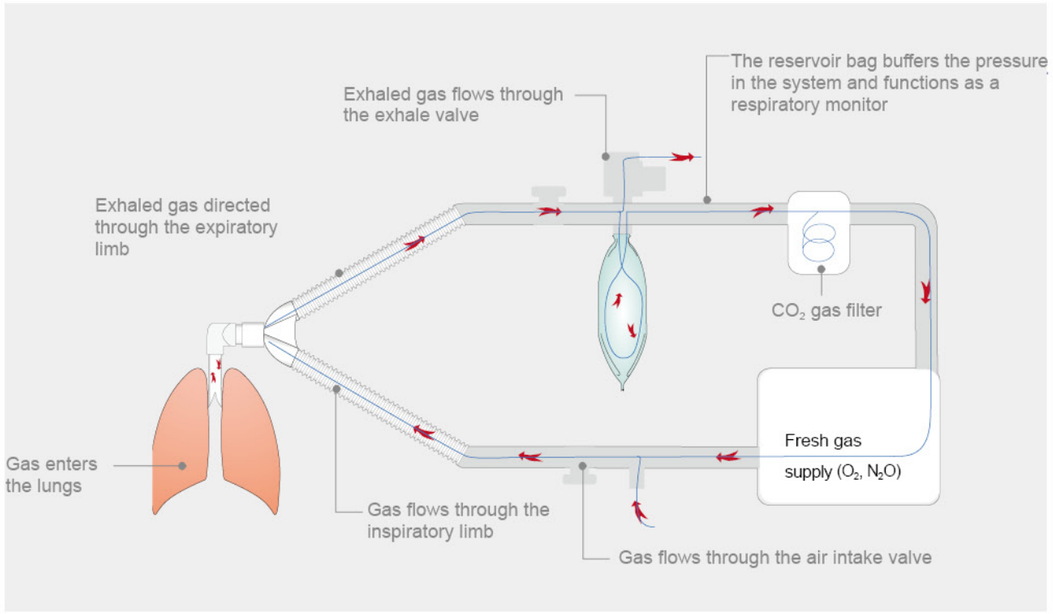
Manual Resuscitators

We provide both durable and disposable manual resuscitators. The resuscitator bag volumes are specifically designed to suit neonate, infant, pediatric and adult patients.
For more information on the product, please have a look at the catalog of Airway Management.

▼ Tubing, Connectors, Valves and Other Supporting Items

We have an extensive range of accessories, components and connectors to provide clinicians or healthcare professionals with the option to customize a setup to meet patient's needs. Pressure valves, monitoring devices, tubing or device holders are also available to provide support for clinical operation.

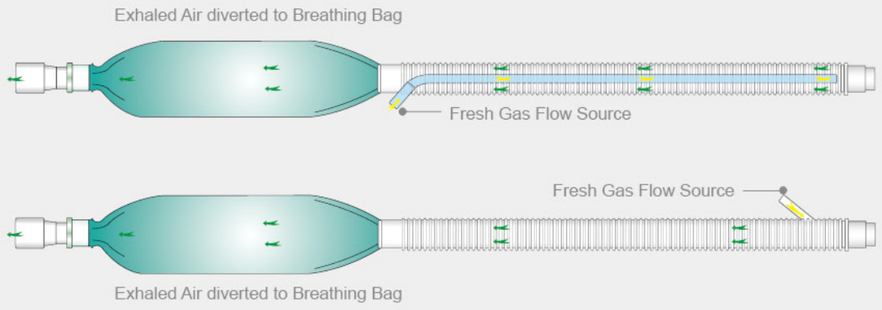




Closed Anesthesia Breathing Systems generally consist of the following parts: a fresh gas supply and inspiratory limb, a patient interface, an expiratory conduit, a breathing bag, an adjustable pressure limiting (APL) valve and a CO_2 filter. A closed system interface enables the complete re-breathing of exhaled air at a lower gas flow rate.

▲ Types of Closed Anesthesia Breathing Systems Available:

- ECO Anesthesia Circuit
- EVA Circuit



Semi-Open Anesthesia Breathing Systems generally consist of the parts shown in the illustration above. Our semi-open systems are convenient, lightweight and easily scavenged. It has minimal dead space, low airflow resistance and reduces the work of breathing.

▲ Types of Semi-Open Anesthesia Breathing Systems Available:

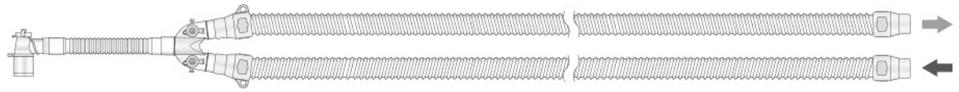
- Theta, Bain and Coaxial Circuit
- Jackson Rees Anesthesia Circuit

Anesthesia Circuit

Durable Anesthesia Circuit

Latex DEHP 134

- Materials: polysulfone for plastic components, silicone rubber for tubing and cuff, conform to ISO-10993-1.
- Tubing cuffs designed for firm and sturdy connect.
- Smoothbore tube for clean with minimal air turbulence in the circuit.
- Kink structure to ensure safety and smooth airflow.
- All parts autoclavable at 134°C.
- Biocompatible & ISO conformance.



Smoothbore

REF	Application	Elbow	Wye	Inhale	Exhale	QTY
AB0040	Adult	22/15 with Luer	22/15, 22M	120 cm, 22F	120 cm, 22F	10 pcs/carton
AB0041	Child	22/15 with Luer	22/15, 15M	120 cm, 15F	120 cm, 15F	10 pcs/carton

Dimensions:

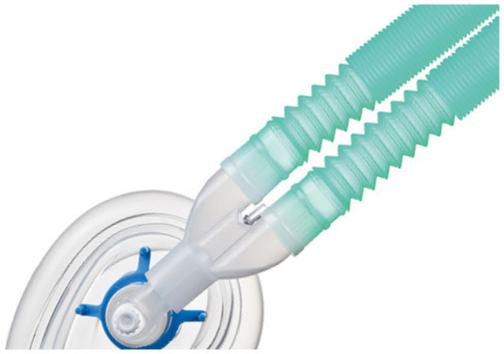
- Breathing circuit: conform to ISO 5367
- Patient port: 22/15 mm conform to ISO 5356-1
- Gas Sampling Port: Luer, conform to ISO 594-1

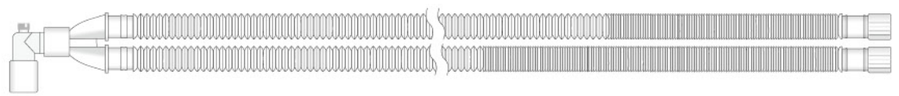
Optional Accessories:

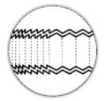
- Anesthesia Masks and Endoscopy Masks HMEF and Filters
- Gas Sampling Line
- Silicone Breathing Bag: 3L, 2L, 1L, 0.5L

ECO Anesthesia Circuit

- Collapsible & Lightweight.
- Elbow with built-in 4.3 luer port for gas sampling.
- Single Patient Use, conform to ISO-10993-1.
- Biocompatible & ISO conformance.







Collapsible

REF	Application	Elbow	Wye	Inhale	Exhale	QTY
AB0231	Adult	22/15 with Luer	22/15, 22M	42-150 cm, 22F		50 pcs/carton
AB0043	Child	22/15 with Luer	22/15, 15M	42-150 cm, 15F		50 pcs/carton

Dimensions:

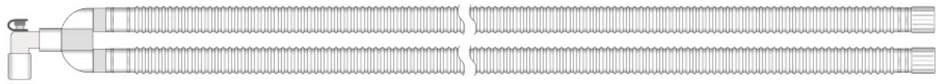
- Breathing circuit: conform to ISO 5367
- Patient port: 22/15 mm conform to ISO 5356-1
- Gas sampling port: Luer, conform to ISO 594-1

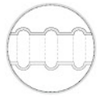
Optional Accessories:

- Anesthesia Masks and Endoscopy Masks
- HMEF and Filters
- Gas Sampling Line
- Latex Breathing Bag: 3L, 2L, 1L, 0.5L
- Latex-Free Breathing Bag: 3L, 2L, 1L, 0.5L

Standard Anesthesia Circuit

- A lighter and more economical option.
- Elbow with built-in 4.3 luer port for gas sampling.
- Single Patient Use, conform to ISO-10993-1.
- Biocompatible & ISO conformance.





Corrugated

REF	Application	Elbow	Wye	Inhale	Exhale	QTY
AB0042	Adult	22/15 with Luer	22/15, 22M	120 cm, 22F	120 cm, 22F	30 pcs/carton
AB0289	Child	22/15 with Luer	22/15, 22M	150 cm, 15F	150 cm, 15F	15 pcs/carton

Dimensions:

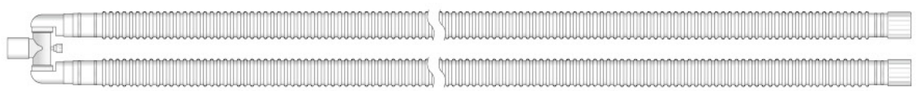
- Breathing circuit: conform to ISO 5367
- Patient port: 22/15 mm conform to ISO 5356-1
- Gas sampling port: Luer, conform to ISO 594-1

Optional Accessories:

- Anesthesia Masks and Endoscopy Masks
- HMEF and Filters
- Gas Sampling Line
- Latex Breathing Bag: 3L, 2L, 1L, 0.5L
- Latex-Free Breathing Bag: 3L, 2L, 1L, 0.5L

Swivel Anesthesia Circuit

- Swivel Wye.
- A lighter and more economical option.
- Swivel wye with built-in 4.3 luer port for gas sampling.
- Single Patient Use, conform to ISO-10993-1.
- Biocompatible & ISO conformance.



Corrugated

REF	Application	Swivel Wye	Inhale	Exhale	QTY
AB0185	Adult	22/15 with Luer	180 cm, 22F	180 cm, 22F	15 pcs/carton

Dimensions:

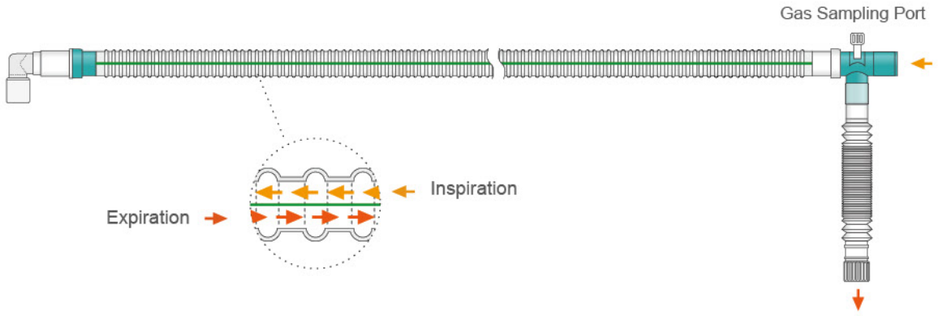
- Breathing circuit: conform to ISO 5367
- Patient port: 22/15 mm conform to ISO 5356-1
- Gas sampling port: Luer, conform to ISO 594-1

Optional Accessories:

- Anesthesia Masks and Endoscopy Masks
- HMEF and Filters
- Gas Sampling Line
- Latex Breathing Bag: 3L, 2L, 1L, 0.5L
- Latex-Free Breathing Bag: 3L, 2L, 1L, 0.5L

Theta Anesthesia Circuit

- Inspiratory and expiratory flow within a single tube, separated by a divider.
- A lighter and more economical option.
- Elbow with built-in 4.3 luer port for gas sampling.
- Collapsible exhale limb for more flexibility.
- Single Patient Use, conform to ISO-10993-1.
- Biocompatible & ISO conformance.



REF	Application	Elbow	Patient	Main Tube	Exhale	QTY
AB0057	Adult	22/15	22/15	180 cm, 22F	12-30 cm (Expandable)	20 pcs/carton
AB0260	Adult	22/15	22/15	150 cm, 22F	12-30 cm (Expandable)	20 pcs/carton

Dimensions:

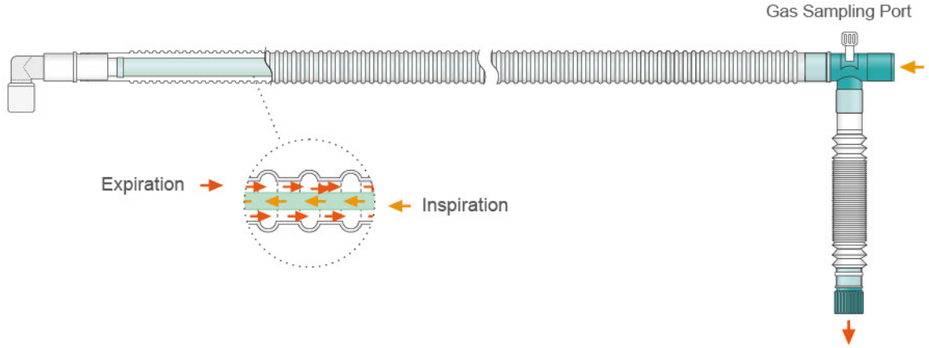
- Breathing circuit: conform to ISO 5367
- Patient port: 22/15 mm conform to ISO 5356-1
- Gas sampling port: Luer, conform to ISO 594-1

Optional Accessories:

- Anesthesia Masks and Endoscopy Masks
- HMEF and Filters
- Gas Sampling Line
- Latex Breathing Bag: 3L, 2L, 1L, 0.5L
- Latex-Free Breathing Bag: 3L, 2L, 1L, 0.5L

Bain Circuit

- All-in-One Bain circuit with coaxial tube design. Smoothbore inspiratory limb within the expiratory limb.
- A lighter and more economical option.
- Elbow with built-in 4.3 luer port for gas sampling.
- Collapsible exhale limb for more flexibility.
- Single Patient Use, conform to ISO-10993-1.
- Biocompatible & ISO conformance.



REF	Application	Elbow	Patient	Main Tube	Exhale	QTY
AB0229	Adult	22/15	22/15	120 cm, 22F	12-30 cm (Expandable)	20 pcs/carton
AB0230	Adult	22/15	22/15	180 cm, 22F	12-30 cm (Expandable)	20 pcs/carton

Dimensions:

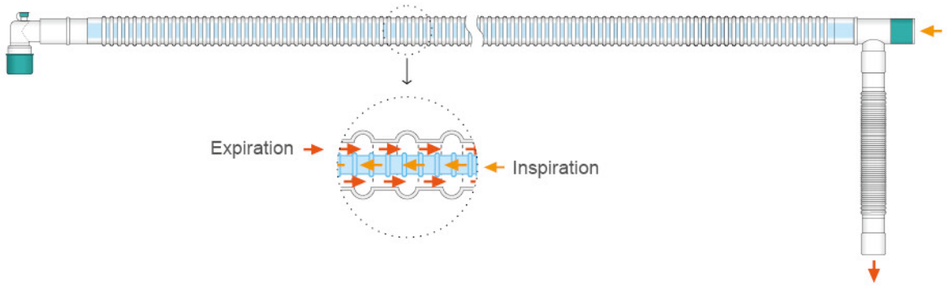
- Breathing circuit: conform to ISO 5367
- Patient port: 22/15 mm conform to ISO 5356-1
- Gas sampling port: Luer, conform to ISO 594-1

Optional Accessories:

- Anesthesia Masks and Endoscopy Masks
- HMEF and Filters
- Gas Sampling Line
- Latex Breathing Bag: 3L, 2L, 1L, 0.5L
- Latex-Free Breathing Bag: 3L, 2L, 1L, 0.5L

Coaxial Anesthesia Circuit

- Coaxial Design corrugated inspiratory limb within the expiratory limb.
- A lighter and more economical option.
- Elbow with built-in 4.3 luer port for gas sampling.
- Collapsible Exhale limb for more flexibility.
- Single Patient Use, conform to ISO-10993-1.
- Biocompatible & ISO conformance.



REF	Application	Elbow	Patient	Main Tube	Exhale	QTY
AB0178	Adult	22/15	22/15	100 cm, 22F	17-40 cm (Expandable)	15 pcs/carton
AB0179	Adult	22/15	22/15	150 cm, 22F	17-40 cm (Expandable)	15 pcs/carton
AB0299	Adult	22/15	22/15	180 cm, 22F	17-40 cm (Expandable)	15 pcs/carton

Dimensions:

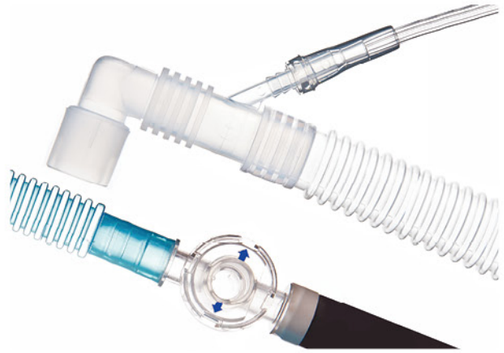
- Breathing circuit: conform to ISO 5367
- Patient port: 22/15 mm conform to ISO 5356-1
- Gas sampling port: Luer, conform to ISO 594-1

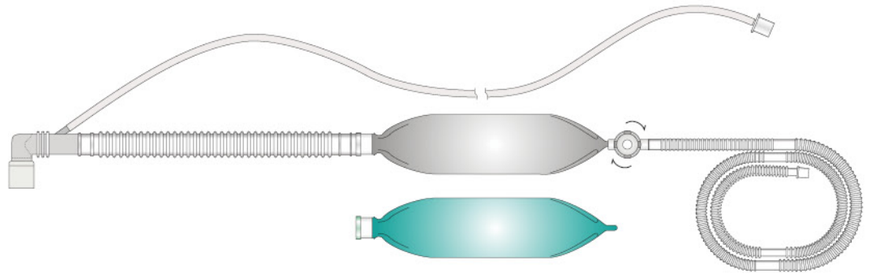
Optional Accessories:

- Anesthesia Masks and Endoscopy Masks
- HMEF and Filters
- Gas Sampling Line
- Latex Breathing Bag: 3L, 2L, 1L, 0.5L
- Latex-Free Breathing Bag: 3L, 2L, 1L, 0.5L

Jackson Rees Anesthesia Circuit

- Tail-end control valve allows the adjustment of pressure levels within the system.
- Enable exhaled air to be collected and directed to a scavenging system.
- Lightweight and Disposable.
- Single Patient Use, conform to ISO-10993-1.
- Biocompatible & ISO conformance.





REF	Application	Patient	Flex tube	Supply tube	Exhale tube	Breathing Bag	QTY
AB0158	Adult	22/15 Elbow	25 cm, 22F Corrugated	200 cm, 5F, 15M Cuff	150 cm, 13F 22/19 mm Cuff	0.5 L Latex Breathing Bag	15 pcs/carton
AB0166	Adult					1.0 L Latex Breathing Bag	15 pcs/carton
AB0169	Adult					2.0 L Latex Breathing Bag	15 pcs/carton
AB0175	Adult					3.0 L Latex Breathing Bag	15 pcs/carton
AB0023	Adult					0.5 L Latex-free Breathing Bag	15 pcs/carton
AB0167	Adult					1.0 L Latex-free Breathing Bag	15 pcs/carton
AB0176	Adult					2.0 L Latex-free Breathing Bag	15 pcs/carton

Dimensions:

- Patient port: 22/15 mm conform to ISO 5356-1
- Gas supply port: 15 mm OD, conform to ISO 5356-1

Optional Accessories:

- Anesthesia masks
- Latex Breathing Bag: 3L, 2L, 1L, 0.5L
- Latex-Free Breathing Bag: 3L, 2L, 1L, 0.5L

Oropharyngeal Airway

Guedel Airway Management Kit

- To maintain or open a patient's airway.
- Designed with reinforced bite block with large flange that has a gentle curve to follow the contour of the tongue.

AW0001	Guedel Airway 40 mm, Pink
AW0046	Guedel Airway 50 mm, Blue
AW0047	Guedel Airway 60 mm, Black
AW0048	Guedel Airway 70 mm, White
AW0005	Guedel Airway 80 mm, Green
AW0006	Guedel Airway 90 mm, Yellow
AW0049	Guedel Airway 100 mm, Red
AW0002	Guedel Airway 110 mm, Orange
AW0003	Guedel Airway 120 mm, Purple

Package: 200 pcs/carton

Berman Airway Management Kit

- Anatomical shape designed to follow the curvature of the tongue and oropharyngeal airway.
- Dual-side channel with holes minimize the risk of airway occlusion.
- Suction tube can be placed along the side channel of the Berman airway for insertion.

AW0074	Bermen Airway 40 mm
AW0050	Bermen Airway 50 mm
AW0051	Bermen Airway 60 mm
AW0052	Bermen Airway 70 mm
AW0053	Bermen Airway 80 mm
AW0007	Bermen Airway 90 mm
AW0054	Bermen Airway 100 mm

Package: 200 pcs/carton

Face Mask

Air-soft™ Aircushion Mask

w/Valve

w/o Valve

- A disposable mask for resuscitation, anesthesia and oxygen or aerosol delivery applications.
- Built-in check valve for air volume adjustments in the aircushion.
- Mask with the check valve is available in 7 sizes and each has color-coded allowing for size identification.

REF	Color	Description	QTY
AM0026	○	Airsoft Mask, #0 w/Valve	50 pcs/carton
AM0027	●	Airsoft Mask, #1 w/Valve	50 pcs/carton
AM0028	●	Airsoft Mask, #2 w/Valve	50 pcs/carton
AM0029	●	Airsoft Mask, #3 w/Valve	50 pcs/carton
AM0030	●	Airsoft Mask, #4 w/Valve	50 pcs/carton
AM0031	●	Airsoft Mask, #5 w/Valve	50 pcs/carton
AM0032	●	Airsoft Mask, #6 w/Valve	20 pcs/carton
AM0025	○	Airsoft Mask, #0	50 pcs/carton
AM0092	●	Airsoft Mask, #1	50 pcs/carton
AM0093	●	Airsoft Mask, #2	50 pcs/carton
AM0094	●	Airsoft Mask, #3	50 pcs/carton
AM0095	●	Airsoft Mask, #4	50 pcs/carton
AM0096	●	Airsoft Mask, #5	50 pcs/carton

Sil-Flex™ Silicone Mask

- Bio-compatible and latex free ergonomic design with soft silicone material provides better seal, comfort and air circulation.
- Can be reprocessed for multiple use.

AM0086	Sil-Flex Silicone Mask #5, Adult Large
AM0024	Sil-Flex Silicone Mask #4, Adult
AM0023	Sil-Flex Silicone Mask #3, Child Large
AM0016	Sil-Flex Silicone Mask #2, Child
AM0005	Sil-Flex Silicone Mask #1, Infant Large
AM0004	Sil-Flex Silicone Mask #0, Infant

Package: 50 pcs/carton

nMask

15mm Connector

With two level barb designed for easier attachment

Sturdy and Flexible Shell

Soft but steady silicone shell prevents from deformation

Cushioned Rim

Allow full cover around the mouth and nose, especially designed for premature

Babi.Plus® nMask is designed for use with resuscitators and T-piece resuscitation devices. With ergonomic construction, ***Babi.Plus***® nMask seals around the mouth and nose but does not cover the eyes or overlap the chin. The ***Babi.Plus***® nMask is designed to reduce air leakage and skin irritation. 6 sizes of nMasks are available for premature and neonatal patients.

AN0038	nMask, 25 mm
AN0039	nMask, 30 mm
AN0040	nMask, 35 mm
AN0041	nMask, 40 mm
AN0042	nMask, 45 mm
AN0043	nMask, 50 mm

Package: 5 pcs/box

Endo Mask

Standard 22F Connection Port

Enable connection to ventilation circuit or devices.

Flexible and Expandable Membrane

Adjust to different sizes of endoscope to minimize air leakage while allowing easy insertion for an endoscope.

CO_2 or Pressure Monitoring Port

4.0 mm O.D. port for pressure or CO_2 monitoring.

Resealable Port Cap

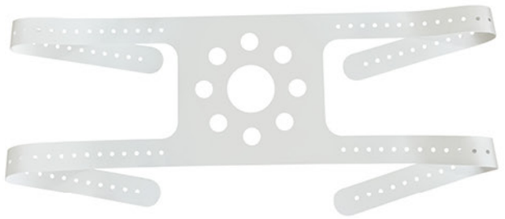
Maintain the air seal when endoscope is not used.

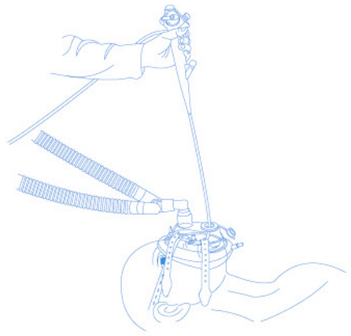
Transparent Mask Body

Easy for visual inspection to monitor patient's condition.

Soft Mask with Volume-Adjustable Air Cushion

Enable adjustment of air volume in the air cushion to provide better comfort and seal.





A revolutionary design that enables simultaneous application of endoscopy during anesthesia or mechanical ventilation, the Aplus Endo Mask is specifically designed with a flexible port positioned in an ideal part of the mask to allow easier insertion of nasal or oral endoscope.

AW0065	Endo Mask (Medium) with Head Strap
AW0009	Endo Mask (Large) with Head Strap

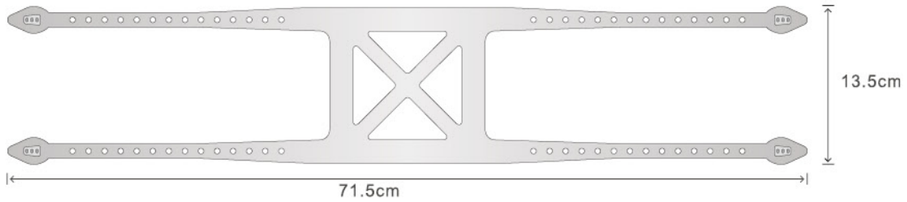
Package: 20 pcs/carton

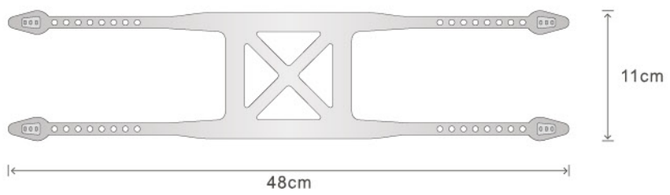
Headgear

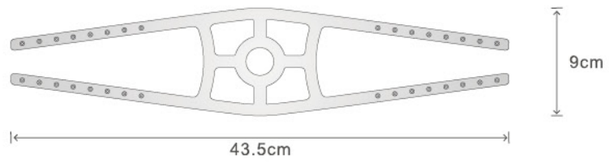
- Lightweight and ergonomic full face for ePAP.
- Single layer cushion to minimize air leaks and distributes surface area pressure for greater comfort.
- Pressure spring valve setting of 7.5, 10 and 12.5 cmH2O to maintain PEEP.
- Anti-asphyxia valve and swivel adaptor for improved safety and flexibility.
- Ports for CO2 or pressure monitoring.

AM0014 Headgear for CPAP Mask, L, Silicone
AM0015 Headgear for CPAP Mask, S, Silicone
AM0037 Headgear for Mask, S, Silicone

Package: 1 pc/package, 50 pcs/box.





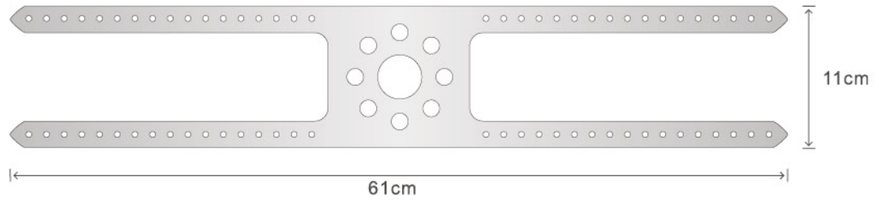


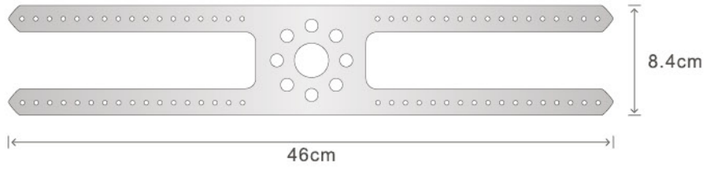
Headgear

- Designed for CPAP mask,animal mask and anesthesia mask to ensure themask stays firmly in place.
- Made of latex-free material (rubber) for less skin irritation.Material meets ISO-10993 bio-compatibility requirement.

AM0105 Headgear for mask, L, Rubber
AM0106 Headgear, S, Rubber

Package: 1 pc/package, 50 pcs/box



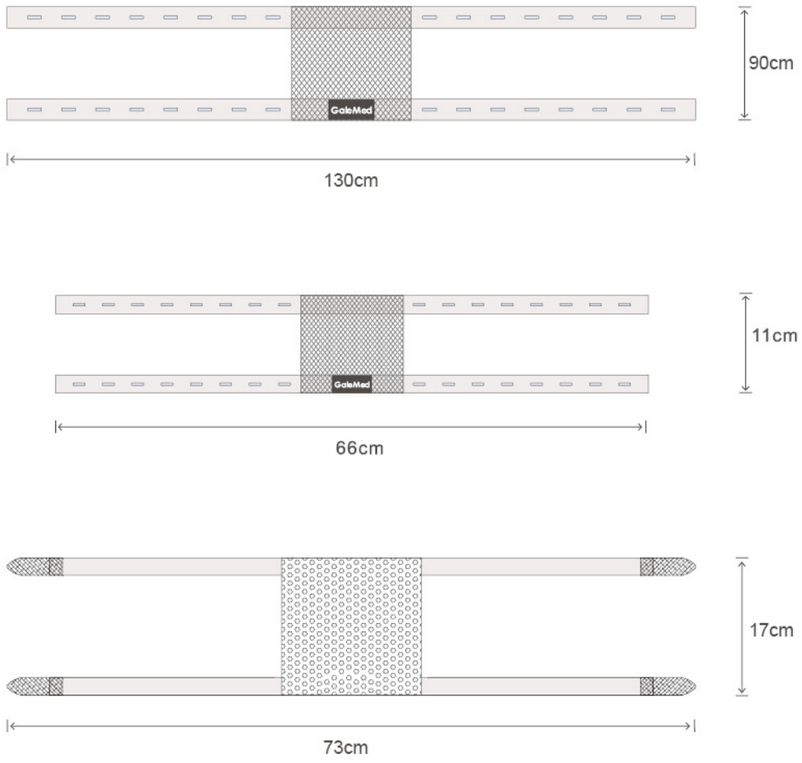


Headgear

- Designed to firmly secure the Nasal CPAP mask in place. Light-weight and provides patient with better comfort.
- Latex-free nylon material for less skin irritation.
- Meets ISO-10993 biocompatibility requirement.
- Economical for single-patient use to minimize the risk of cross contamination.

AM0112 HC-1 Soft fabric Headgear-Large White
AM0113 HC-1 Soft fabric Headgear-Small White
AM0132 HN-7 Neoprene Headgear Black

Package: 1 pc/package, 50 pcs/box.



Heat and Moisture exchange filter (HMEF) & Filter

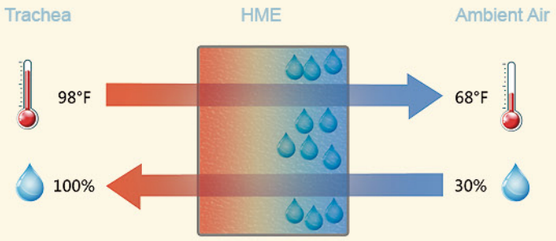
FILTER RANGES

BV Filter & HMEF

	REF	Filter Media	Port	Weight (g)	Dead Space (ml)	"Resistance (cmH_2O@LPM)"	Moisture output (mg/L)	BFE MPS: 2.9μm@30LPM	VFE MPS: 2.9μm@30LPM
Heated and moisture exchanger (HME)	AH0022	Paper media	-	2.5	33	0.2@5	31	-	-
	AH0039	Foam media	-	18	54.5	2.0@60	>30	-	-
	AH0040	Foam media	-	-	33	-	31	-	-
HMEF	AH0025	Paper Media	-	25	<50.1	1.53@30	>30	>99.99%	99.97%
	AH0026	Paper Media	Luer	25	<50.1	1.53@30	>30	>99.99%	99.97%
	AH0041	Electrostatic/ Foam	Luer	29	<35.00	2.30@60	31.6	>99.99%	>99.99%
Filter	AF0001	Electrostatic	-	22	<32.93	0.94@40	-	>99.99%	>99.99%
	AF0002	Paper Media	Luer	38	<34.80	4.37@60	-	>99.9999%	>99.9999%
	AF0003	-	-	-	<0.5	78@0.6	-	-	-
	AF0005	Electrostatic	Luer	17	<39.94	1.02@30	-	>99.99%	>99.99%
	AF0006	Electrostatic	Luer	-	-	-	-	-	-
	AF0007	Electrostatic	-	17	<37.68	0.86@30	-	>99.99%	>99.99%
	AF0008	Electrostatic	-	-	<48.5	0.71@30	-	>99.99%	>99.99%
	AF0009	Electrostatic	-	-	<32.8	0.66@30	-	>99.99%	>99.99%
	AF0011	Electrostatic	-	-	<99.37	0.77@40	-	>99.99%	>99.99%
	AF0012	-	-	-	<71	1.8@50	-	>99.99%	>99.99%
	AF0013	-	-	-	-	-	-	-	-
	AF0016	Electrostatic	-	-	<86.1	2.4@60	-	>99.99%	>99.99%
	AF0019	-	-	-	-	-	-	-	-
	AF0020	Electrostatic	Luer	23	<33.43	1.19@40	-	>99.99%	>99.99%

Heat and Moisture Exchanger (HME)

Heat and Moisture Exchanger (HME) utilizes the patients' own temperature and hydration to achieve humidification in successive breaths. Heat and moisture recovered from the exhaled air are conserved in the HME and then used again in the inspiratory process. ***Humi.AIDE™*** HMEs are positioned like an artificial nose between the patient interface and breathing circuit.



HME

Humi.AIDE™ HME is suitable for surgical ward, anesthesia, respiratory care, and intubated home-care patients.

- Use standard 22/15 mm connection.
- Moisture Output: around 31 mg/L H_2O.
- Dead Space: 33 ml.

AH0040 HME, 22F/15M, 22/15 mm

Package: 50 pcs/carton

HME with Flex Tube

Humi.AIDE™ HME with Tube is suitable for surgical ward, anesthesia, respiratory care, and intubated home-care patients.

- Extensive Flex Tube: Enable the flexibility in patient position management and reduce the chance of accidental disconnection.
- Use standard 22F, 15F connections.
- Moisture Output: around 30~35 mg/L H_2O.
- Dead Space: 54.5 ml.

AH0039 HME w/Tube, 22F, 15F

Package: 100 pcs/carton

Neonatal (nHME)

Humi.AIDE™ HME is suitable for surgical ward, anesthesia, respiratory care, and intubated home-care patients.

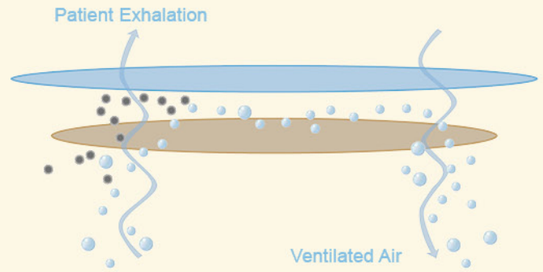
- Use standard 22/15 mm connection.
- Moisture Output: around 31 mg/L H_2O.
- Dead Space: 33 ml.

AH0022 nHME, 15F, 15M

Package: 100 pcs/carton

Heat and Moisture Exchanger Filter (HMEF)

Humi.AIDE™ HMEF is a 2-in-1 device that offers passive humidification of respiratory air and electrostatic filtration of bacteria and viruses to minimize infection between the patient and other healthcare practitioners. It is designed to work on patients with mechanical ventilation under critical care or anesthesia, to ensure minimal loss of heat and moisture from respiratory air.



Foam Type HMEF

Humi.AIDE™ HMEF w/Luer is suitable for surgical ward, anesthesia, respiratory care, and intubated home-care patients.

- Use standard 22/15 mm connection.
- Moisture output: around 31 mg/L H_2O.
- Dead Space: 33 ml.
- Filtration: Provide up to 99.99% of efficiency.
- Luer Port: For pressure monitoring and gas sampling.

AH0041 HMEF w/Luer, 22F/15M, 22/15 mm

Package: 50 pcs/carton

Humi.AIDE™ Paper Type HMEF (pHMEF)

Humi.AIDE™ Paper HMEF (pHMEF) is designed to be used in conjunction with ventilation circuits under critical care or anesthesia.

- Paper Media Ensure efficient retention of heat and moisture and filtration of bacteria and viruses.
- Use standard 22/15 mm connections.
- Dead Space: 50.1 ml.
- Bacterial/ Viral filtration: Provide up to 99.99% /99.97% of efficiency respectively.
- Optional 4.3F Luer Port: For pressure monitoring and gas sampling.

AH0025 HMEF, 22F/15M, 22/15 mm

AH0026 HMEF w/Luer, 22F/15M, 22/15 mm

Package: 50 pcs/carton

Heat and Moisture Exchanger Filter (Filter)

Bacterial Filter (Foam filtering medium)

- Equipped with 0.3 micron bacterial filter membrane for up to 99.99% of efficiency.
- Pressure resistance: less than 1cmH_2O/ 50LPM.
- Standard 22 mmID/15 mmOD and 22/15 mm connectors meet ISO Standard.
- Material: polypropylene.

AF0001 Filter, 22F/15M, 22M/15F
AF0020 Filter, 22F/15M, 22M/15Fw/Luer

Package: 150 pcs/box

HEPA Radial Pleated Filter (Paper filtering medium)

- Long term anesthesia/ventilation bacterial filtration up to 99.9999% of efficiency.
- Standard 22 mmID/15 mmOD connectors meet ISO Standard.

AF0002 Filter, HEPA w/luer, 22F/15M, 22/15 mm

Package: 150 pcs/box

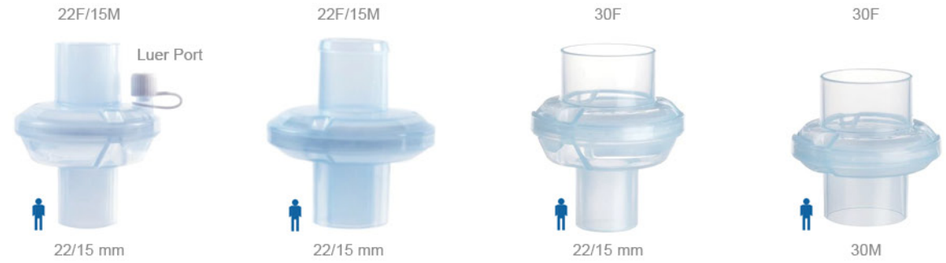
Pressure Line Filter

- Hydrophobic filter provides high efficiency to block water that may damage pressure sensor.
- Standard luer connections(male and female).
- Color code for directions.

AF0003 Hydrophobic Filter, 7.6M w/Luer
AF0013 Hydrophobic Filter, 4F, 4M

Package: 50 pcs/box

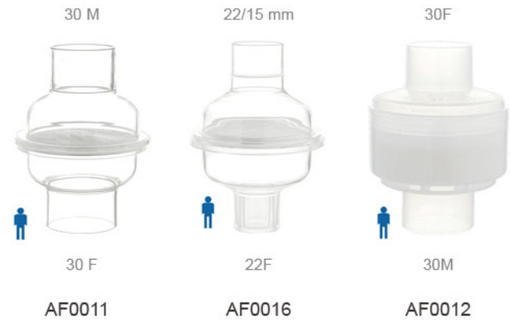
Heat and Moisture Exchanger Filter (Filter)



Viral / Bacterial Filter

High efficiency bacterial filter to minimize cross-contamination between patients, equipment and other healthcare practitioners.

REF	Description	Resistance to flow at 30L/min (cmH_2O)	Compressible Volume(ml)	Bacterial Filtration Efficiency	Viral Filtration Efficiency	Luer	QTY
AF0005	Filter 22F/15M w/Luer	0.950	39.93	99.999%	99.99%	●	50 pcs/carton
AF0007	Filter, 22F/15M, 22/15mm	0.825	37.68	99.999%	99.99%	N/A	50 pcs/carton
AF0008	Filter, 30F, 22/15mm	0.625	48.58	99.999%	99.99%	N/A	50 pcs/carton
AF0009	Filter, 30F, 30M	0.535	46.29	99.999%	99.99%	N/A	50 pcs/carton



Electrostatic Bacterial Filter

Filter with large volume can produce lower resistance and increase the coordination between the ventilator and the patient. It is suitable to be connected to the outlet of positive pressure ventilation equipment to prevent the transmission of bacteria and cross-contamination among patients.

- Bacterial Filtration Efficiency : 99.99%.
- Viral Filtration Efficiency : 99.99%.

REF	Description	Resistance (cmH_2O@LPM)	Compressible Volume(ml)	Bacterial Filtration Efficiency	Viral Filtration Efficiency	Luer	QTY
AF0011	Filter, 30F, 30M	0.77@40	<99.37	99.99%	99.99%	N/A	150 pcs/carton
AF0012	Exhalometer filter, 30F, 30M	1.8@50	<71	99.99%	99.99%	N/A	50 pcs/carton
AF0016	Filter, 22F, 22/15mm	2.4@60	<86.1	99.99%	99.99%	N/A	150 pcs/carton

Tracheal Heat and Moisture Exchanger (tHME)

The Humi.AIDE™ Tracheal Heat and Moisture Exchanger (tHME) provides passive humidification for spontaneously breathing tracheostomy patients. The tHME is designed with a standard 15mm fitting for attachment to the patient's tracheotomy tube. The tHME has a compact and lightweight design that reduces pressure at the sensitive trachea site and helps provide optimum patient ventilation.

Light Paper Media

Original paper media provides efficient heat and moisture exchange to patient.

Optional Adjustable Breathing Resistance (ABR) Valve

An optional Adjustable Breathing Resistance (ABR) Valve helps to reduce patient work of breathing and provides users greater comfort and flexibility.

Closed Semi-open Open

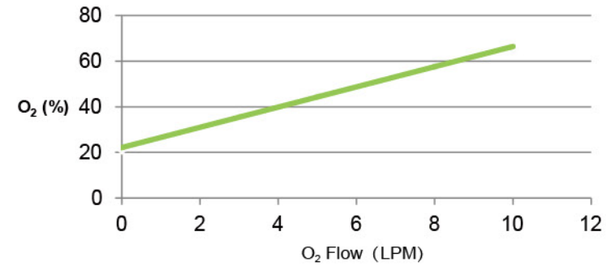
Optional Oxygen Tubing

Designed with oxygen tubing connection for supplemental oxygen.

Tracheal Heat and Moisture Exchanger (tHME)

	Standard	Oxygen Tube	ABR Valve
REF	AH0023	AH0071	AH0024
Description	tHME, 15F	tHME w/Tubing	tHME, 15F w/Knob
Feature	Standard HME, ready for use design	Equipped with total length of 170 cm oxygen tubing	Designed Adjustable Breathing Resistance (ABR) Valve
Dead Space	11.7 ml	12.0 ml	11.7 ml
Tidal Volume	> 50 ml	> 50 ml	> 50 ml
Connectors	15F	15F	15F
Resistance	0.48 cmH_2O @ 60 LPM	0.48 cmH_2O @ 60 LPM	0.48 cmH_2O @ 60 LPM
Moisture Output	24.0 mg H_2O @ VT = 500 ml	24.0 mg H_2O @ VT = 500 ml	24.0 mg H_2O @ VT = 500 ml
QTY	50 pcs/carton	50 pcs/carton	50 pcs/carton

Inspired Oxygen Concentration vs Flow Rate



TEST Conditions: Tidal volume 0.6L, 12 breath/min

Breathing Bag

Silicone Breathing Bag

- High-performance silicone breathing bag for multiple reprocessing.
- Feature a special cuff design and higher bag compliance.
- Tail-end hook for hanging to air-dry.
- Standard 22F connector.

AB0109	Silicone Breathing Bag 3L
AB0010	Silicone Breathing Bag 2L
AB0108	Silicone Breathing Bag 1L
AB0107	Silicone Breathing Bag 0.5L

Package: 50 pcs/carton

Latex-Free Breathing Bag

- Single patient use breathing bag.
- Latex-free to mitigate the risk of latex allergy.
- Lower resistance and standard 22F connector with more rigid cuff.

AB0122	Latex-Free Breathing Bag 3L
AB0121	Latex-Free Breathing Bag 2L
AB0120	Latex-Free Breathing Bag 1L
AB0119	Latex-Free Breathing Bag 0.5L

Package: 50 pcs/carton

Latex Breathing Bag

- Single patient use breathing bag.
- Lower resistance and standard 22F connector with more rigid cuff.

AB0106	Latex Breathing Bag 3L
AB0105	Latex Breathing Bag 2L
AB0104	Latex Breathing Bag 1L
AB0103	Latex Breathing Bag 0.5L

Package: 50 pcs/carton

Accessories

Tail-End Control Valve

Designed to adjust or release air or gas for breathing bag in Jackson Rees circuit or hyperinflation system.

AB0123 Durable Tail-End Control Valves

Package: 50 pkgs/box, 12 box/carton

ADU Connector

A disposable Tee-Piece can be used with anesthesia circuits or other ventilation equipment. It has 6M angled port for gas supply or pressure monitoring. ADU connector is specifically designed for GE anesthesia machines.

Note: ADU is designed for GE anesthesia machine only. (ADU-Anesthesia delivery unit)

AB0003 Disposable ADU Connector

Package: 100 pcs/pkg, 10 pckgs/ctn

Washington T-Piece

A disposable Washing T-Piece can be used with anesthesia circuits or other ventilation equipment. It has 6M angled port for gas supply or pressure monitoring. Washington T-Piece only fits for Jackson Rees circuit.

Note: Washington T is design for Jackson Rees circuit use.

AC0037 Washington T-Piece

Package: 100 pcs/pkg, 5 pkgs/ctn

Circuit Hanger & Fixture

Circuit Hanger

- Orientation of arm can be freely adjusted to the desirable position.
- Standard ISO slip and mount fits into the holder conforming to ISO-19054 standard.
- Multiple joints for adjusting the angle of the arm. Foldable design reduces storage space.
- Three-in-one tube holder accommodates most tubing conforming to international standard.

AB0011 Circuit Hanger, Stainless Steel, Pole Type
AB0152 Circuit Hanger, Stainless Steel, Clamp Type

Package: 6 pcs/box

Pole, Rail and Table Clamps

AB0222

AB0223

AB0224

AB0225

- Keep essential life-supporting device readily available and organized.
- Ergonomically engineered tri-edge turning knob for less required force to turn.
- Ultra lightweight and sturdy design with one or two holder slip for different device.
- Multi-point contact for better stabilization and grip.
- ISO compliant holder fits any device complying to the same standard.

AB0222 ERGO™ Single Pole Clamp
AB0223 ERGO™ Dual Pole Clamp
AB0224 ERGO™ Table Clamp
AB0225 ERGO™ Rail Clamp

Package: 10 sets/case

ISO Wall Mount Cradle

- Keep essential life-supporting device readily available and organized.
- ISO compliant holder fits any device.

AB0226 ISO Wall Mount Cradle

Package: 60 boxes/carton

Tube Clips

AB0008

AB0009

AB0029

AB0030

Clips to hold breathing circuit and additional tubing in place for better organization and safety.

AB0008 TC-1 Hose Clip, 15F w/3 clips
AB0009 TC-2 Hose Clip, 22F w/5 clips
AB0029 TC-4 Hose Clip, 22F w/2 clips
AB0030 TC-2 Hose Clip, 22F w/5 clips

Package: 100 pcs/package, 20 pkgs/box

Gas Sampling Line

Different types of tubes for delivering or monitoring airflow or CO_2.

AB0005 Gas Sampling Line, 300 cm, 4.3M Leur, 4.3M Leur
AB0060 Gas Sampling Line, 300 cm, 4.3F Leur, 4.3M Leur
AB0061 Gas Sampling Line, 50 cm, 4.3M Leur, 4.3M Leur
AB0062 Gas Sampling Line, 300 cm, 4.3F Leur, 4.3F Leur
AB0064 Gas Sampling Line, 180 cm, 4M, 4M

Package: 50 pcs/carton

Types of Breathing Cirucit Tubing

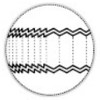
Tube Design

Smoothbore Tubing

- Reduces air turbulence.
- Low water retention and improved drainage.

Corrugated Tubing

- Provides an economical solution for ventilation circuits.
- Material: EVA. Lightweight.



Collapsible Tubing

- Economical solution with lighter weight. Superior flexibility with adjustable length to suit different needs.
- Reduces transport cost and required storage space.

Materials and Cleaning Instructions

Users or operators should fully understand the functions of each products and the following symbols before use:

Common Materials and Sterilization Method

Material	Autoclavable	Chemical and Pasteurization	Ethylene Oxide Sterilization
PVC	No	No	No
Acrylic	No	No	No
K-Resin	No	No	No
ABS	No	No	Yes
Polyethylene(PE)	No	Yes	No
Polypropylene(PP)	No	Yes	No
Hytrel	Up to 121°C	Mild Only	Yes
Polycarbonate(PC)	Up to 121°C	No	Yes
Polysulfone(PSF)	Up to 134°C	Yes	Yes
Silicone Rubber	Up to 134°C	Yes	Yes

※**Note:**
PSF and Silicone Rubber are autoclavable up to 134°C (at least 50 cycles).
Hytrel and Polycarbonate are autoclavable up to 121°C (at least 20 cycles).

Disposable and Single-patient use products are designed to reduce the risk of cross-infection and therefore have strict prohibitions on re-processing and reusing on multiple patients.

When reusing durable products, please exercise strict adherence to validated institution policy and procedure, as well as the information available on disinfection or sterilization processes. Clean or disinfect when:

1. Any product part has been used
2. Any product part is contaminated
3. Any product part has been in use for more than 24 hours on a single-patient

Manufacturer's suggested procedure for disinfection:

The following instruction is a general guide. Please refer to individual organization's operating instructions on cleaning and disinfecting products:

a. High Temperature Pressure Disinfection:
Products should be disinfected at 134°C for 5 minutes (eg. for materials such as polysulfone and silicone). For hyrel and polycarbonate products, the temperature should not exceed 121°C and should not be processed for longer than 15 minutes.

b. Chemical Disinfection:
Products should be soaked under warm water with mild detergents. Wash and rinse thoroughly to remove any residual material and store in a cool dry place to allow it to air dryer.

c. Ethylene Oxide Disinfection:
Follow the instruction for use for Ethylene Oxide disinfection devices.

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Clean & Sterilization

MATERIALS USED FOR GALEMED PRODUCTS:

Single patient use or disposable items are prohibited to be reused.
Reusable items are treated as below:

Material	Autoclave 134°C	EtO gas	Liquid Sterilizer
ABS	Distort	Yes	Yes
Polycarbonate (PC)	Distort	Yes	Excellent
Polyethylene (PE)	Marginal to poor	Yes	Excellent
Polypropylene (PP)	Yes	Yes	Excellent
Polysulfone	Excellent	Yes	Excellent
PVC	Marginal to poor	Yes	Distort
Sllicone rubber	Yes	Yes	Excellent
Stainless, Aluminum	Excellent	Yes	Excellent
Rubber	Distort	Yes	Yes

CLEANING & STERILIZATION STEPS:

1. Disassemble the product as per the IFU, if necessary.
2. Wash components thoroughly in lukewarm water with a mild detergent which shall be compatible with the material of the device.
3. Rinse the components thoroughly in lukewarm water to remove all traces of detergent.
4. Sterilize the components using one of the following methods:
   a.Autoclaved (max 134°C /273°F).
   b. Ethylene oxide.
   c.The most common disinfecting solution is used the equipment coming from the contact with the patient. Rinse thoroughly with water after sterilization.
5. Dry all components thoroughly after sterilization.
6. Inspect all components prior to usage; if any tear or any damage, please replace it.
7. Repack properly after usage to avoid any contamination.

Symbol Guide For This Catalog

- **Do not reuse** — To indicate that the product is for single use only.
- Latex — Indicates that natural rubber latex was not used in the manufacturing of the product, its container, or its packaging.
- DEHP — Indicates that product that does not contain the phthalate plasticizer DEHP.
- 121 — Sterilizable in a steam sterilizer (autoclave) at temperature 121°C (250°F) will be accepted
- 134 — Sterilizable in a steam sterilizer (autoclave) at temperature 134°C (273°F) will be Sterilizable

Date / /

Date / /

business card

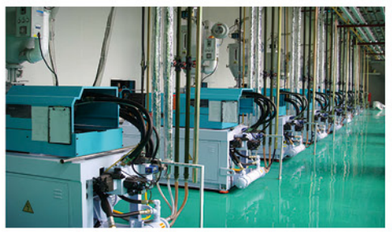
GaleMed, headquarters located in Taiwan, specializes in designing and manufacturing in medical disposables in the field of Respiratory Care, Critical Care, Anesthesia Care, and Home Care. Production facilities are located both in Taiwan and China.

GaleMed is committed to developing and producing comfortable devices for the patients for two decades which leads us with mind-set using the most advanced technology and employing eco-friendly material for all products. We have accredited with ISO 13485, FDA, GMP.

GaleMed enforces one-stop in-house manufacturing to ensure our quality as per International Quality System. This determinates also affirms confidentiality for our business partners. Constant improvement for all aspects is our main goal to keep our business partners extraordinary in the market.

GaleMed serves market players from USA and EU in OEM or ODM base. For those who coming from emerging markets, or those who need marketing package, we provide Besmed collection for service, We are reliable and flexible to work and grow together.

GaleMed has a good dream to be the Best Choice for Care! With your support and our commitment, we will carry out this dream to be the **Best Choice for Care** soon!



Established in
1987

Business Types
ODM/ OEM manufacturer,
Contract Manufacturer & Exporter

Main Products
- Respiratory Care
  - Critical Care
  - Anesthesia Care
  - Emergency Care
  - Oxygen Therapy
  - Aerosol Therapy

Quality System
- ISO 13485
- ISO 9001
- JAPAN J-GMP
- TAIWAN GMP

Product Certification
- CE Certificate
- FDA Listing and 510K
- China CFDA Registration
- Taiwan TFDA Registration

CHINA
TAIWAN
1st Xiamen Facility
2nd Xiamen Facility
Sales&Service office (Xiamen)
Sales&Service office (Taipei)
I-Lan Facility
(operation headquarter)

GaleMed

Research, Development and Manufacture

Since 1986

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