

wellead

ANAESTHESIA



Well Lead Medical Co., Ltd. founded in 1998, is a leading company in China, specialized in development, manufacturing and distribution of medical devices. The core business covers the area of Urology, Endourology, Anaesthesia, Respiratory care and Hemodialysis. Well Lead is committed to bring new technology and solution to improve healthcare of patients.

As an ISO 13485 certified company, Well Lead strictly abides by ISO standard and international good manufacturing practice to produce outstanding products. Most of the products are CE certified and FDA approved. All the staff in Well Lead share the same value: We care for patients with quality products!



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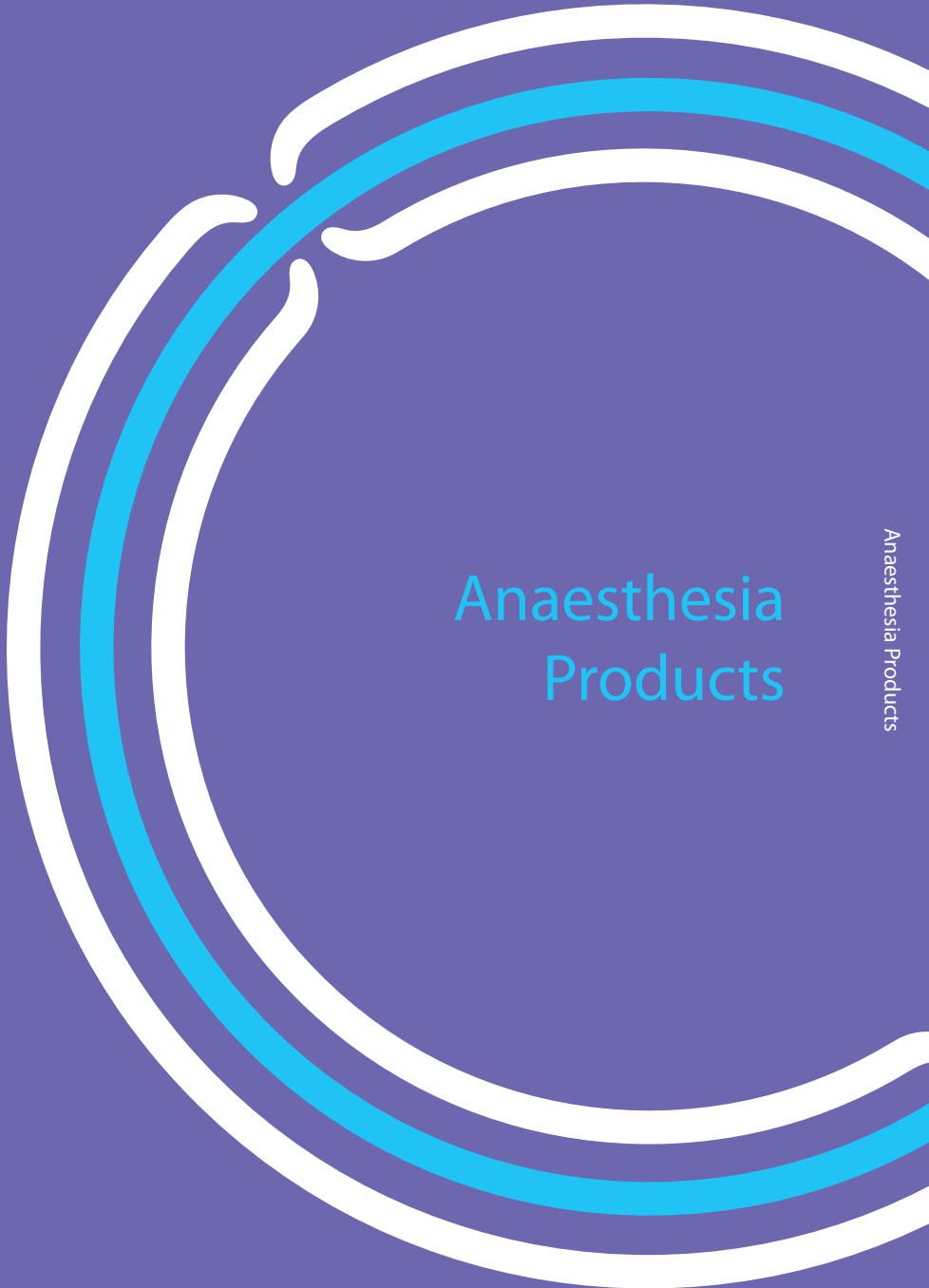
Well Lead Catalogue 2024







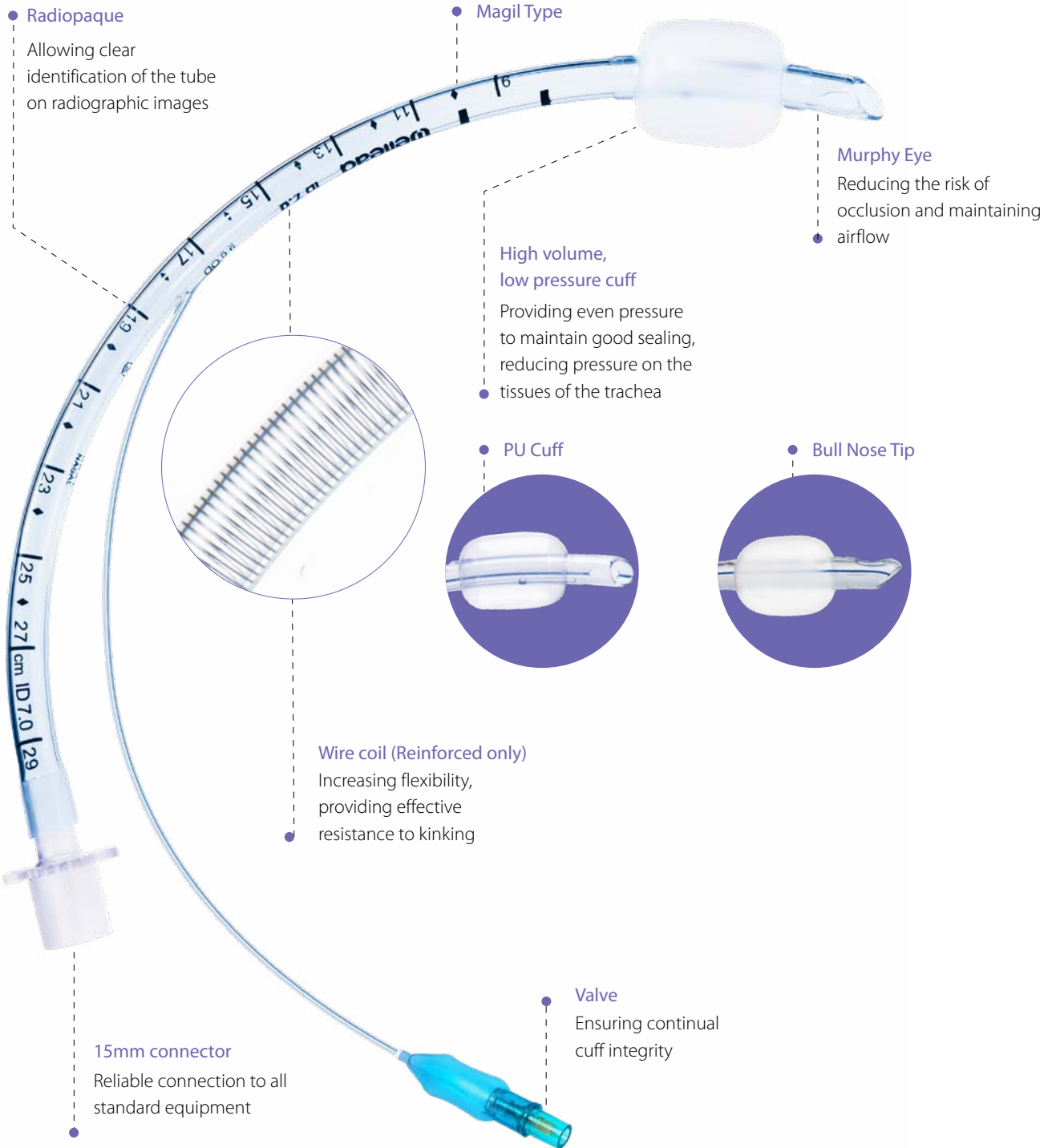
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Anaesthesia
Products

Anaesthesia Products

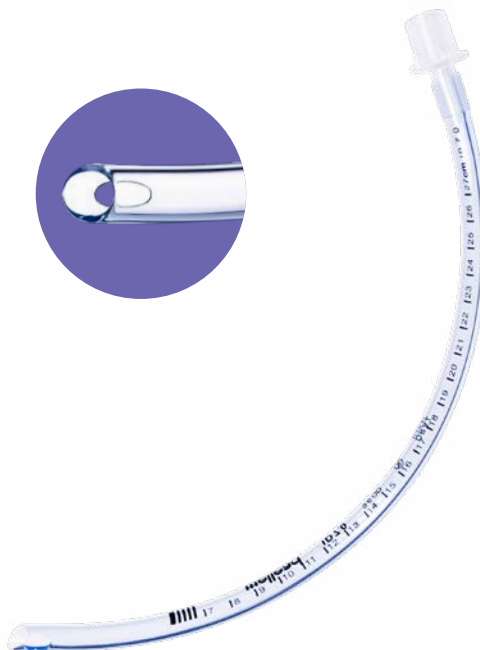
Tracheal Tube



● Standard Tracheal Tube

■ Uncuffed

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
2.0	A01A02203F	—
2.5	A01A02253F	A01A08253F
3.0	A01A02303F	A01A08303F
3.5	A01A02353F	A01A08353F
4.0	A01A02403F	A01A08403F
4.5	A01A02453F	A01A08453F
5.0	A01A02503F	A01A08503F
5.5	A01A02553F	A01A08553F
6.0	A01A02603F	A01A08603F
6.5	A01A02653F	A01A08653F
7.0	A01A02703F	A01A08703F
7.5	A01A02753F	A01A08753F
8.0	A01A02803F	A01A08803F
8.5	A01A02853F	A01A08853F
9.0	A01A02903F	A01A08903F
9.5	A01A02953F	A01A08953F
10.0	A01A02963F	A01A08963F
10.5	A01A02973F	—
11.0	A01A02983F	—



■ High Volume, Low Pressure Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01A01301F	A01A07301F
3.5	A01A01351F	A01A07351F
4.0	A01A01401F	A01A07401F
4.5	A01A01451F	A01A07451F
5.0	A01A01501F	A01A07501F
5.5	A01A01551F	A01A07551F
6.0	A01A01601F	A01A07601F
6.5	A01A01651F	A01A07651F
7.0	A01A01701F	A01A07701F
7.5	A01A01751F	A01A07751F
8.0	A01A01801F	A01A07801F
8.5	A01A01851F	A01A07851F
9.0	A01A01901F	A01A07901F
9.5	A01A01951F	A01A07951F
10.0	A01A01961F	A01A07961F
10.5	A01A01971F	—
11.0	A01A01981F	—



■ **Low Profile Cuff**

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
2.5	A01A01252F	A01A07252F
3.0	A01A01302F	A01A07302F
3.5	A01A01352F	A01A07352F
4.0	A01A01402F	A01A07402F
4.5	A01A01452F	A01A07452F
5.0	A01A01502F	A01A07502F
5.5	A01A01552F	A01A07552F
6.0	A01A01602F	A01A07602F
6.5	A01A01652F	A01A07652F
7.0	A01A01702F	A01A07702F
7.5	A01A01752F	A01A07752F
8.0	A01A01802F	A01A07802F
8.5	A01A01852F	A01A07852F
9.0	A01A01902F	A01A07902F
9.5	A01A01952F	A01A07952F
10.0	A01A01962F	A01A07962F



● **PU Cuff**

Made from PU in Medical grade, comfortable and soft. It protects more efficiently against fluid leakage or microaspiration. It also reduces intubation-related pneumonia.

■ **Standard Tracheal Tube with PU cuff**

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01G01304F	A01G13304F
3.5	A01G01354F	A01G13354F
4.0	A01G01404F	A01G13404F
4.5	A01G01454F	A01G13454F
5.0	A01G01504F	A01G13504F
5.5	A01G01554F	A01G13554F
6.0	A01G01604F	A01G13604F
6.5	A01G01654F	A01G13654F
7.0	A01G01704F	A01G13704F
7.5	A01G01754F	A01G13754F
8.0	A01G01804F	A01G13804F
8.5	A01G01854F	A01G13854F
9.0	A01G01904F	A01G13904F
9.5	A01G01954F	A01G13954F
10.0	A01G01964F	A01G13964F

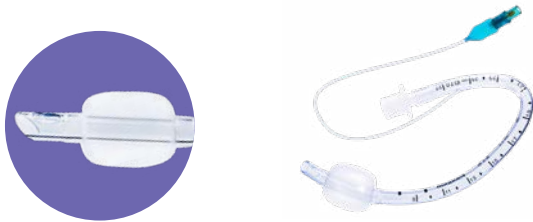


● Oral Tracheal Tube

Oral preformed to reduce tube kinking during oral intubation.
Used for nasal surgery, ophthalmic surgery and facial surgery.

■ Uncuffed

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01B02303F	A01B07303F
3.5	A01B02353F	A01B07353F
4.0	A01B02403F	A01B07403F
4.5	A01B02453F	A01B07453F
5.0	A01B02503F	A01B07503F
5.5	A01B02553F	A01B07553F
6.0	A01B02603F	A01B07603F
6.5	A01B02653F	A01B07653F
7.0	A01B02703F	A01B07703F
7.5	A01B02753F	A01B07753F
8.0	A01B02803F	A01B07803F
8.5	A01B02853F	A01B07853F
9.0	A01B02903F	A01B07903F
9.5	A01B02953F	A01B07953F
10.0	A01B02963F	A01B07963F



■ High Volume, Low Pressure Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01B01301F	A01B06301F
3.5	A01B01351F	A01B06351F
4.0	A01B01401F	A01B06401F
4.5	A01B01451F	A01B06451F
5.0	A01B01501F	A01B06501F
5.5	A01B01551F	A01B06551F
6.0	A01B01601F	A01B06601F
6.5	A01B01651F	A01B06651F
7.0	A01B01701F	A01B06701F
7.5	A01B01751F	A01B06751F
8.0	A01B01801F	A01B06801F
8.5	A01B01851F	A01B06851F
9.0	A01B01901F	A01B06901F
9.5	A01B01951F	A01B06951F
10.0	A01B01961F	A01B06961F



■ Low Profile Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01B01302F	A01B06302F
3.5	A01B01352F	A01B06352F
4.0	A01B01402F	A01B06402F
4.5	A01B01452F	A01B06452F
5.0	A01B01502F	A01B06502F
5.5	A01B01552F	A01B06552F
6.0	A01B01602F	A01B06602F
6.5	A01B01652F	A01B06652F
7.0	A01B01702F	A01B06702F
7.5	A01B01752F	A01B06752F
8.0	A01B01802F	A01B06802F
8.5	A01B01852F	A01B06852F
9.0	A01B01902F	A01B06902F
9.5	A01B01952F	A01B06952F
10.0	A01B01962F	A01B06962F

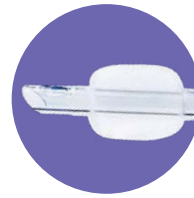
● Nasal Tracheal Tube

Nasal preformed to reduce tube kinking during nasal intubation. Used for oral surgery, maxillofacial surgery.



■ Uncuffed

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01C02303F	A01C07303F
3.5	A01C02353F	A01C07353F
4.0	A01C02403F	A01C07403F
4.5	A01C02453F	A01C07453F
5.0	A01C02503F	A01C07503F
5.5	A01C02553F	A01C07553F
6.0	A01C02603F	A01C07603F
6.5	A01C02653F	A01C07653F
7.0	A01C02703F	A01C07703F
7.5	A01C02753F	A01C07753F
8.0	A01C02803F	A01C07803F
8.5	A01C02853F	A01C07853F
9.0	A01C02903F	A01C07903F
9.5	A01C02953F	A01C07953F
10.0	A01C02963F	A01C07963F



■ High Volume, Low Pressure Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01C01301F	A01C06301F
3.5	A01C01351F	A01C06351F
4.0	A01C01401F	A01C06401F
4.5	A01C01451F	A01C06451F
5.0	A01C01501F	A01C06501F
5.5	A01C01551F	A01C06551F
6.0	A01C01601F	A01C06601F
6.5	A01C01651F	A01C06651F
7.0	A01C01701F	A01C06701F
7.5	A01C01751F	A01C06751F
8.0	A01C01801F	A01C06801F
8.5	A01C01851F	A01C06851F
9.0	A01C01901F	A01C06901F
9.5	A01C01951F	A01C06951F
10.0	A01C01961F	A01C06961F



■ Low Profile Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01C01302F	A01C06302F
3.5	A01C01352F	A01C06352F
4.0	A01C01402F	A01C06402F
4.5	A01C01452F	A01C06452F
5.0	A01C01502F	A01C06502F
5.5	A01C01552F	A01C06552F
6.0	A01C01602F	A01C06602F
6.5	A01C01652F	A01C06652F
7.0	A01C01702F	A01C06702F
7.5	A01C01752F	A01C06752F
8.0	A01C01802F	A01C06802F
8.5	A01C01852F	A01C06852F
9.0	A01C01902F	A01C06902F
9.5	A01C01952F	A01C06952F
10.0	A01C01962F	A01C06962F



■ Nasal Tracheal Tube with PU Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01G02304F	A01G14304F
3.5	A01G02354F	A01G14354F
4.0	A01G02404F	A01G14404F
4.5	A01G02454F	A01G14454F
5.0	A01G02504F	A01G14504F
5.5	A01G02554F	A01G14554F
6.0	A01G02604F	A01G14604F
6.5	A01G02654F	A01G14654F
7.0	A01G02704F	A01G14704F
7.5	A01G02754F	A01G14754F
8.0	A01G02804F	A01G14804F
8.5	A01G02854F	A01G14854F
9.0	A01G02904F	A01G14904F
9.5	A01G02954F	A01G14954F
10.0	A01G02964F	A01G14964F

● Reinforced Tracheal Tube

Designed for neurosurgical procedures, head and neck procedures, etc. With a spiral wire embedded in the tracheal tube provides effective resistance to kinking.

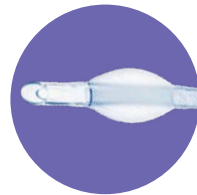
■ Uncuffed

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01E02303F	A01E06303F
3.5	A01E02353F	A01E06353F
4.0	A01E02403F	A01E06403F
4.5	A01E02453F	A01E06453F
5.0	A01E02503F	A01E06503F
5.5	A01E02553F	A01E06553F
6.0	A01E02603F	A01E06603F
6.5	A01E02653F	A01E06653F
7.0	A01E02703F	A01E06703F
7.5	A01E02753F	A01E06753F
8.0	A01E02803F	A01E06803F
8.5	A01E02853F	A01E06853F
9.0	A01E02903F	A01E06903F
9.5	A01E02953F	A01E06953F
10.0	A01E02963F	A01E06963F



■ High Volume, Low Pressure Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01E01301F	A01E05301F
3.5	A01E01351F	A01E05351F
4.0	A01E01401F	A01E05401F
4.5	A01E01451F	A01E05451F
5.0	A01E01501F	A01E05501F
5.5	A01E01551F	A01E05551F
6.0	A01E01601F	A01E05601F
6.5	A01E01651F	A01E05651F
7.0	A01E01701F	A01E05701F
7.5	A01E01751F	A01E05751F
8.0	A01E01801F	A01E05801F
8.5	A01E01851F	A01E05851F
9.0	A01E01901F	A01E05901F
9.5	A01E01951F	A01E05951F
10.0	A01E01961F	A01E05961F

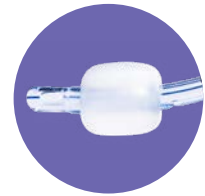
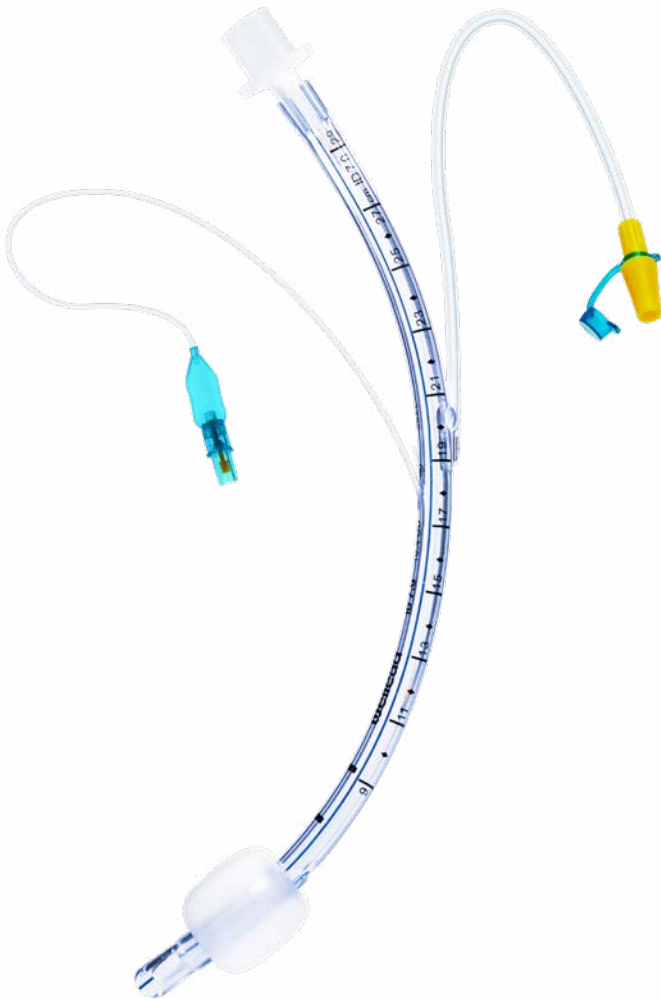


■ Low Profile Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
3.0	A01E01302F	A01E05302F
3.5	A01E01352F	A01E05352F
4.0	A01E01402F	A01E05402F
4.5	A01E01452F	A01E05452F
5.0	A01E01502F	A01E05502F
5.5	A01E01552F	A01E05552F
6.0	A01E01602F	A01E05602F
6.5	A01E01652F	A01E05652F
7.0	A01E01702F	A01E05702F
7.5	A01E01752F	A01E05752F
8.0	A01E01802F	A01E05802F
8.5	A01E01852F	A01E05852F
9.0	A01E01902F	A01E05902F
9.5	A01E01952F	A01E05952F
10.0	A01E01962F	A01E05962F

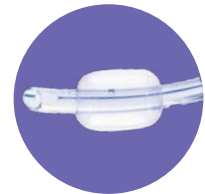
◆ SuctionPlus Tracheal Tube with Evacuation Lumen

SuctionPlus tracheal tube is designed with the evacuation lumen in order to provide protection against risk of aspiration and decrease the rate of ventilation-associated pneumonia (VAP) in the hospital.



■ High Volume, Low Pressure Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
6.0	A01F01601F	A01F05601F
6.5	A01F01651F	A01F05651F
7.0	A01F01701F	A01F05701F
7.5	A01F01751F	A01F05751F
8.0	A01F01801F	A01F05801F
8.5	A01F01851F	A01F05851F
9.0	A01F01901F	A01F05901F



■ PU Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Bull Nose Tip (DEHP-FREE)
6.0	A01G04604F	A01G05604F
6.5	A01G04654F	A01G05654F
7.0	A01G04704F	A01G05704F
7.5	A01G04754F	A01G05754F
8.0	A01G04804F	A01G05804F
8.5	A01G04854F	A01G05854F
9.0	A01G04904F	A01G05904F

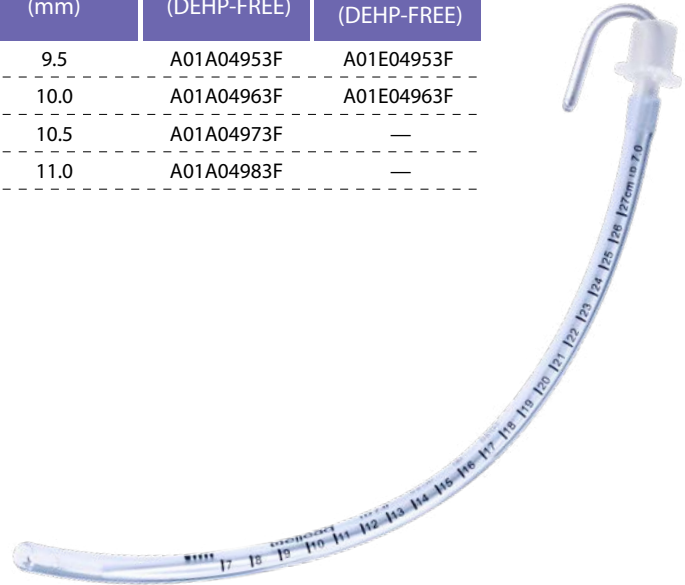
Tracheal Tube Kit / Tracheal Tube with Pre-Loaded Stylet

Preloaded with a malleable aluminum stylet for quick curving of the tube in the preparation of intubation

Uncuffed

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Reinforced (DEHP-FREE)
2.0	A01A04203F	—
2.5	A01A04253F	—
3.0	A01A04303F	A01E04303F
3.5	A01A04353F	A01E04353F
4.0	A01A04403F	A01E04403F
4.5	A01A04453F	A01E04453F
5.0	A01A04503F	A01E04503F
5.5	A01A04553F	A01E04553F
6.0	A01A04603F	A01E04603F
6.5	A01A04653F	A01E04653F
7.0	A01A04703F	A01E04703F
7.5	A01A04753F	A01E04753F
8.0	A01A04803F	A01E04803F
8.5	A01A04853F	A01E04853F
9.0	A01A04903F	A01E04903F

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Reinforced (DEHP-FREE)
9.5	A01A04953F	A01E04953F
10.0	A01A04963F	A01E04963F
10.5	A01A04973F	—
11.0	A01A04983F	—



High Volume, Low Pressure Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Reinforced (DEHP-FREE)
3.0	A01A03301F	A01E03301F
3.5	A01A03351F	A01E03351F
4.0	A01A03401F	A01E03401F
4.5	A01A03451F	A01E03451F
5.0	A01A03501F	A01E03501F
5.5	A01A03551F	A01E03551F
6.0	A01A03601F	A01E03601F
6.5	A01A03651F	A01E03651F
7.0	A01A03701F	A01E03701F
7.5	A01A03751F	A01E03751F
8.0	A01A03801F	A01E03801F
8.5	A01A03851F	A01E03851F
9.0	A01A03901F	A01E03901F
9.5	A01A03951F	A01E03951F
10.0	A01A03961F	A01E03961F



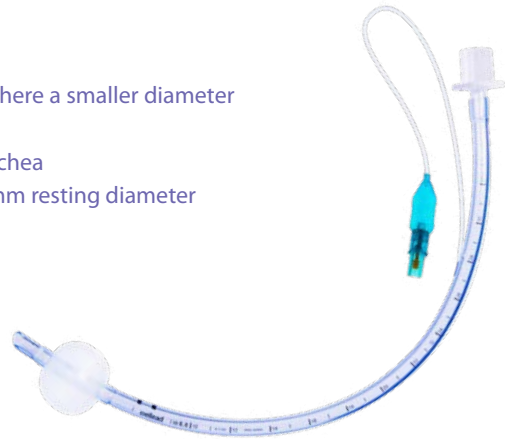
Low Profile Cuff

Size ID (mm)	Cat. No. (DEHP-FREE)	Cat. No. Reinforced (DEHP-FREE)
2.5	A01A03252F	—
3.0	A01A03302F	A01E03302F
3.5	A01A03352F	A01E03352F
4.0	A01A03402F	A01E03402F
4.5	A01A03452F	A01E03452F
5.0	A01A03502F	A01E03502F
5.5	A01A03552F	A01E03552F
6.0	A01A03602F	A01E03602F
6.5	A01A03652F	A01E03652F
7.0	A01A03702F	A01E03702F
7.5	A01A03752F	A01E03752F
8.0	A01A03802F	A01E03802F
8.5	A01A03852F	A01E03852F
9.0	A01A03902F	A01E03902F
9.5	A01A03952F	A01E03952F
10.0	A01A03962F	A01E03962F

◆ Microlaryngeal Tracheal Tube

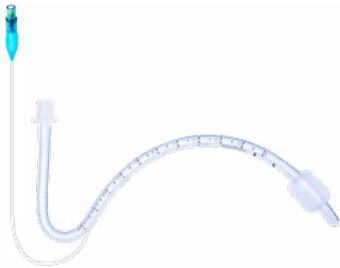
- Microlaryngeal tube is designed for laryngeal and tracheal surgery where a smaller diameter tube will allow better visual and surgical access to the operative field
- It can also be used where larger tracheal tubes will not fit into the trachea
- Each of these tube sizes is 360mm in length and has a cuff with a 28mm resting diameter

Size ID (mm)	Cat. No. (DEHP-FREE)
4.0	A01A10401F
5.0	A01A10501F
6.0	A01A10601F



◆ Soft Line Tracheal Tubes

- Made of softer PVC material, reducing risk of trauma



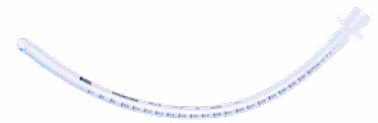
■ *Nasal Tracheal Tube with High Volume, Low Profile Cuff*

Size ID (mm)	Cat. No. Bull Nose Tip (DEHP-FREE)
5.0	A01C08501F
5.5	A01C08551F
6.0	A01C08601F
6.5	A01C08651F
7.0	A01C08701F
7.5	A01C08751F
8.0	A01C08801F
8.5	A01C08851F
9.0	A01C08901F



■ *Standard Tracheal Tube with High Volume, Low Profile Cuff*

Size ID (mm)	Cat. No. Bull Nose Tip (DEHP-FREE)
5.0	A01A21501F
5.5	A01A21551F
6.0	A01A21601F
6.5	A01A21651F
7.0	A01A21701F
7.5	A01A21751F
8.0	A01A21801F
8.5	A01A21851F
9.0	A01A21901F



■ *Standard Tracheal Tube, Uncuffed*

Size ID (mm)	Cat. No. Bull Nose Tip (DEHP-FREE)
2.5	A01A22253F
3.0	A01A22303F
3.5	A01A22353F
4.0	A01A22403F
4.5	A01A22453F
5.0	A01A22503F
5.5	A01A22553F
6.0	A01A22603F
6.5	A01A22653F
7.0	A01A22703F
7.5	A01A22753F
8.0	A01A22803F
8.5	A01A22853F
9.0	A01A22903F

- Softer material for reducing risk of trauma and nasal bleeding
- Gently rounded tip for atraumatic intubation
- Preformed tube fits well for the nasal anatomy
- Can be cut shorter for convenient post-operation suction

◆ Endobronchial Tube

● Endobronchial Tube

- Made of pvc in medical grade
- Available with left-sided and right-sided types
- The cuffs, two lumens and pilot balloons are imprinted with tracheal (clear) or bronchial (blue) for easy identification
- Smooth inner lumens allow easy passage of bronchoscopes
- Pre-loaded with stylet to help tube maintain shape for easier intubation
- Packed with switch connector and two low friction suction catheters

■ Left Side

Size (Fr)	Cat. No. (DEHP-FREE)
28Fr	A03A01281F
32Fr	A03A01321F
35Fr	A03A01351F
37Fr	A03A01371F
39Fr	A03A01391F
41Fr	A03A01411F

■ Right Side

Size (Fr)	Cat. No. (DEHP-FREE)
28Fr	A03A02281F
32Fr	A03A02321F
35Fr	A03A02351F
37Fr	A03A02371F
39Fr	A03A02391F
41Fr	A03A02411F

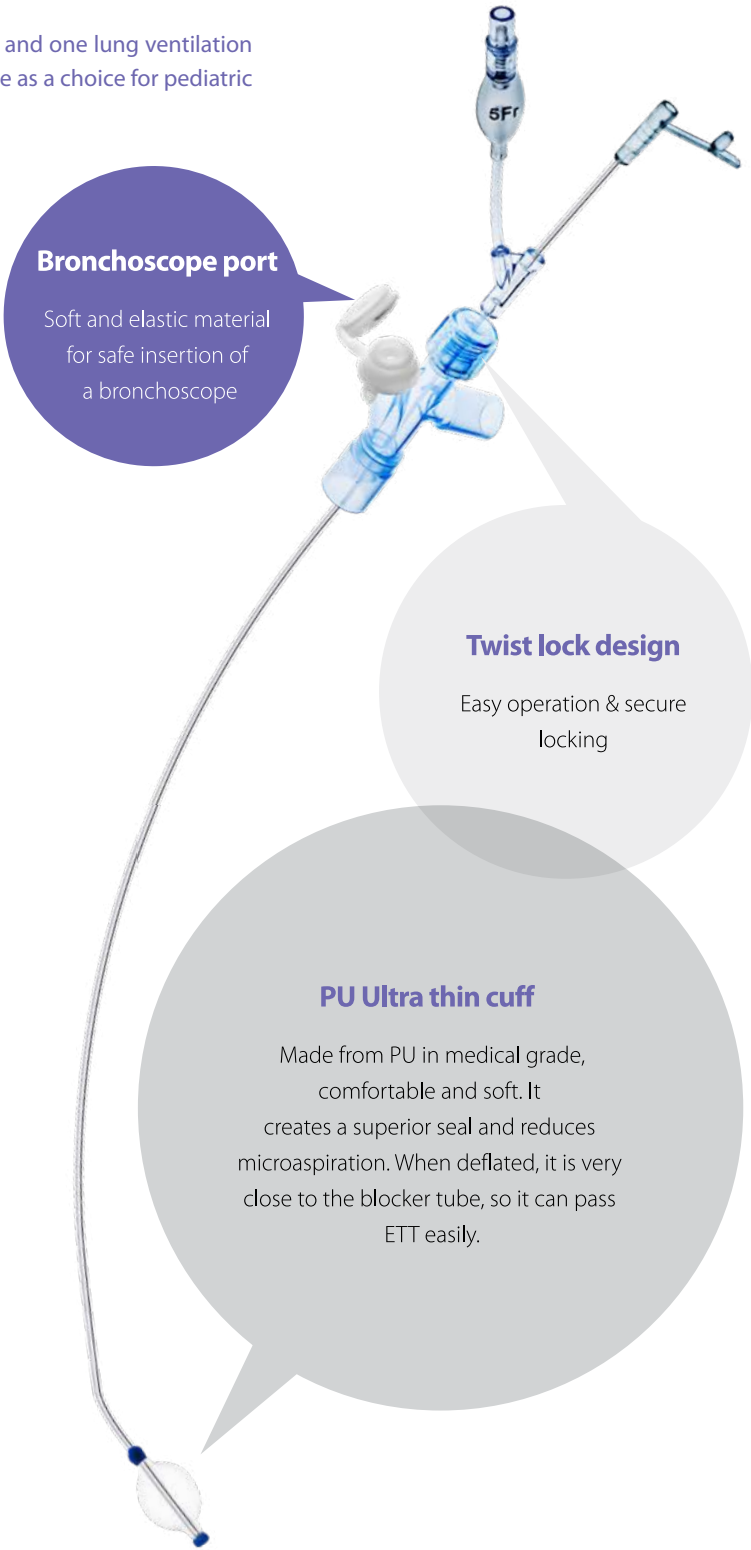


● **Endobronchial Blocker Tube**

Endobronchial blocker tube is a device which can be inserted down a tracheal tube after tracheal intubation so as to block off the right or left main bronchus of the lungs in order to be able to achieve a controlled one lung ventilation. The lung tissue distal to the obstruction will collapse, thus allowing the surgeon's view and access to relevant structures within the thoracic cavity.

Our blocker tubes are used to achieve lung separation and one lung ventilation as an alternative to Double-lumen tubes(DLT) and serve as a choice for pediatric patients as well.

Size	Cat. No. (DEHP-FREE)
5Fr	A03D01051F
7Fr	A03D01071F
9Fr	A03D01091F



Bronchoscope port

Soft and elastic material for safe insertion of a bronchoscope

Twist lock design

Easy operation & secure locking

PU Ultra thin cuff

Made from PU in medical grade, comfortable and soft. It creates a superior seal and reduces microaspiration. When deflated, it is very close to the blocker tube, so it can pass ETT easily.

◆ Laryngeal Mask Device

● Disposable PVC Laryngeal Mask Device

- Medical grade PVC with good biocompatibility
- No epiglottis bars for easy insertion of fiber-optic scope, introducers and suction catheters

Type	Applicable	Cat. No.
1	≤5kg	A05A011010
1 ^{1/2}	5-10kg	A05A011510
2	10-20kg	A05A012010
2 ^{1/2}	20-30kg	A05A012510
3	30-50kg	A05A013010
4	50-70kg	A05A014010
5	70-100kg	A05A015010



● Disposable PVC Reinforced Laryngeal Mask Device

Type	Applicable	Cat. No.
1	≤5kg	A05A041010
1 ^{1/2}	5-10kg	A05A041510
2	10-20kg	A05A042010
2 ^{1/2}	20-30kg	A05A042510
3	30-50kg	A05A043010
4	50-70kg	A05A044010
5	70-100kg	A05A045010



● Disposable Silicone Laryngeal Mask Device

- Medical grade silicone for super biocompatibility and patient comfort
- No epiglottis bars for easy insertion of fiber-optic scope, introducers and suction catheters

Type	Applicable	Cat. No.
1	≤5kg	A05B011010
1 ^{1/2}	5-10kg	A05B011510
2	10-20kg	A05B012010
2 ^{1/2}	20-30kg	A05B012510
3	30-50kg	A05B013010
4	50-70kg	A05B014010
5	70-100kg	A05B015010
6	>100kg	A05B016010



● Disposable Silicone Reinforced Laryngeal Mask Device

Type	Applicable	Cat. No.
1	≤5kg	A05B041010
1 ^{1/2}	5-10kg	A05B041510
2	10-20kg	A05B042010
2 ^{1/2}	20-30kg	A05B042510
3	30-50kg	A05B043010
4	50-70kg	A05B044010
5	70-100kg	A05B045010
6	>100kg	A05B046010



● Reusable Silicone Laryngeal Mask Device

Type	Applicable	Cat. No.
1	≤5kg	A05B051010
1 ^{1/2}	5-10kg	A05B051510
2	10-20kg	A05B052010
2 ^{1/2}	20-30kg	A05B052510
3	30-50kg	A05B053010
4	50-70kg	A05B054010
5	70-100kg	A05B055010
6	>100kg	A05B056010



● Reusable Silicone Reinforced Laryngeal Mask Device

Type	Applicable	Cat. No.
1	≤5kg	A05B071010
1 ^{1/2}	5-10kg	A05B071510
2	10-20kg	A05B072010
2 ^{1/2}	20-30kg	A05B072510
3	30-50kg	A05B073010
4	50-70kg	A05B074010
5	70-100kg	A05B075010
6	>100kg	A05B076010



◆ Dual Seal Laryngeal Mask with Gastric Access

The dual seal laryngeal mask with gastric access aims to minimize the risk of aspiration and provide effective sealing with its dual seal design and gastric-access channel.

■ Features

- Gastric access channel for managing gastric content
- Stylet shapes anatomical curve, ensuring rapid and easy placement
- Medical grade silicone allows better biocompatibility
- Silicone cuff creates anatomical seal of the pharyngeal
- Disposable laryngeal mask reduces the risk of cross-contamination
- Pilot balloon shows mask size and provides tactile indication of inflation degree
- Bite block protects airway occlusion



Mask Size	Patient Size	Largest Size of Gastric Tube	Cat. No.
1.5	5- 10kg	10Fr	A05B021510
2	10-20kg	10Fr	A05B022010
2.5	20-30kg	14Fr	A05B022510
3	30-50kg	16Fr	A05B023010
4	50-70kg	16Fr	A05B024010
5	70-100kg	18Fr	A05B025010

◆ QSafe Laryngeal Mask Device

QSafe Laryngeal Mask Device is used for anesthesia, emergency, and resuscitation.

■ Features

Integrated bite block prevents collapse

Anatomically shaped tube facilitates rapid placement

Soft anatomical cuff provides good seal

Color-coding for convenient size identification

Drainage tube reduces the risk of aspiration



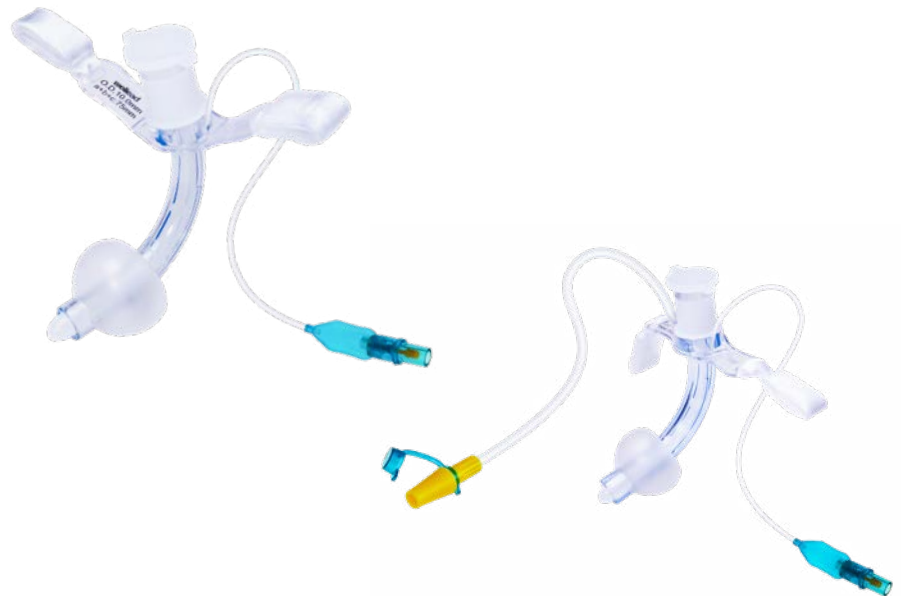
Size	Patient Size	Max Cuff Inflation Volume	Max Gastric Tube	Cat. No.
3	Small adults 30-50 kg	30ml	14Fr	A05A023010
4	Medium adults 50-70 kg	40ml	14Fr	A05A024010
5	Large adults 70-100 kg	40ml	14Fr	A05A025010

Tracheostomy Tube

- Tracheostomy Tube is a hollow tube, with or without a cuff, that is electively inserted directly into the trachea through a surgical incision or with a wire-guided progressive dilatation technique in case of an emergency.
- Lightweight tube made of Medical grade PVC for patient comfort. Full length Radio-opaque line for detection of correct placement. ISO standard connector for universal connection to ventilation equipment. Printed neck plate with size information for easy identification.
- Straps provided in the pack for fixation of the tube. Smooth rounded tip of the Obturator reduces trauma during insertion. Rigid blister pack provides maximum protection for the tube.

Cuffed

Size ID (mm)	Cat. No. (DEHP-FREE)
3.0	A02A05301F
3.5	A02A05351F
4.0	A02A05401F
4.5	A02A05451F
5.0	A02A05501F
5.5	A02A05551F
6.0	A02A05601F
6.5	A02A05651F
7.0	A02A05701F
7.5	A02A05751F
8.0	A02A05801F
8.5	A02A05851F
9.0	A02A05901F
9.5	A02A05951F
10.0	A02A05961F



Uncuffed

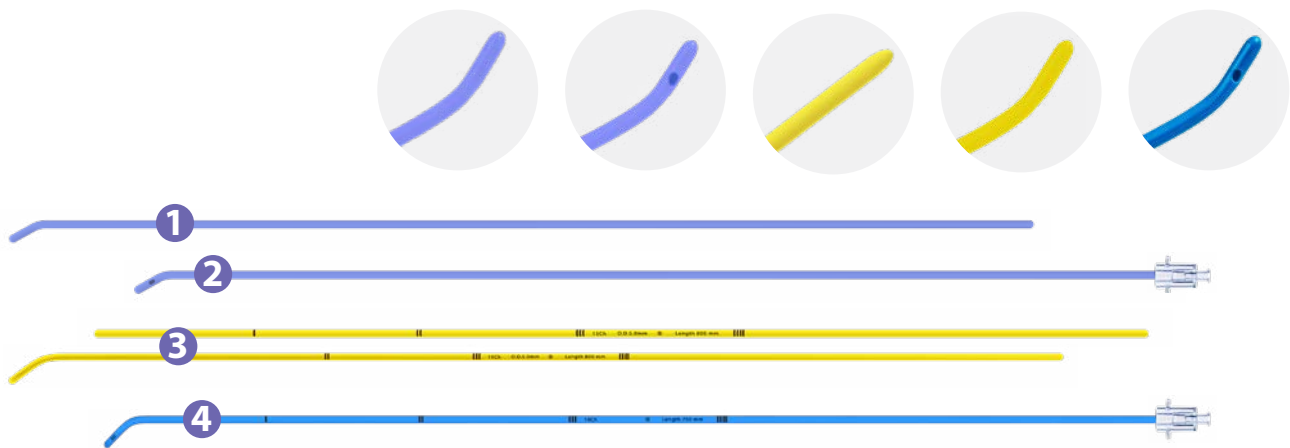
Size ID (mm)	Cat. No. (DEHP-FREE)
3.0	A02A06303F
3.5	A02A06353F
4.0	A02A06403F
4.5	A02A06453F
5.0	A02A06503F
5.5	A02A06553F
6.0	A02A06603F
6.5	A02A06653F
7.0	A02A06703F
7.5	A02A06753F
8.0	A02A06803F
8.5	A02A06853F
9.0	A02A06903F
9.5	A02A06953F
10.0	A02A06963F



SuctionPlus Tracheostomy Tube

Size ID (mm)	Cat. No. (DEHP-FREE)
6.0	A02C02601F
6.5	A02C02651F
7.0	A02C02701F
7.5	A02C02751F
8.0	A02C02801F
8.5	A02C02851F
9.0	A02C02901F

◆ Endotracheal Tube Introducer (Bougie)



ET Tube Introducers ① (Bougies, solid type)

- Solid type.
- for difficult intubation and tube exchange.
- Ultra smooth surface for low friction.
- Atraumatic tip to minimize risk of patient trauma.
- Scale mark indicates distance to the tip.
- With or without angled tip.

Specification	Cat. No.
6Fr, 535mm, angled tip	A04A020610
10Fr, 700mm, angled tip	A04A021010
15Fr, 700mm, angled tip	A04A021510

ET Tube Introducers ② (Bougies, hollow type)

- Hollow type.
- Allow delivery of oxygen in emergency.
- Oxygen adaptor available upon request

Specification	Cat. No.
10Fr, 700mm, angled tip	A04A011010
15Fr, 700mm, angled tip	A04A011510

Premium ET Tube Introducers ③ (Bougies, solid type)

- Solid type.
- Premium bougie range with high gloss, low friction outer surface to improve tube glide over bougie.
- Robust outer tube prevents damage in transit and storage.
- Highly visible colour for improved positioning in poor light.
- Scale mark indicates distance to the tip.
- With or without angled tip.

Specification	Cat. No.
5Fr, 470mm, straight tip	A04A040520
10Fr, 600mm, straight tip	A04A041020
10Fr, 600mm, angled tip	A04A051020
10Fr, 800mm, straight tip	A04A041021
10Fr, 800mm, angled tip	A04A051021
15Fr, 600mm, straight tip	A04A041520
15Fr, 600mm, angled tip	A04A051520
15Fr, 800mm, straight tip	A04A041521
15Fr, 800mm, angled tip	A04A051521

Premium ET Tube Introducer ④ (Bougies, hollow type)

- Hollow type.
- Allow delivery of oxygen in emergency.
- Oxygen adaptor available upon request

Specification	Cat. No.
10Fr, 750mm	A04A031010
10Fr, 750mm with adaptor	A04A031012
14Fr, 750mm	A04A031410
14Fr, 750mm with adaptor	A04A031412



Oxygen adaptor

Cat. No. 005A030110

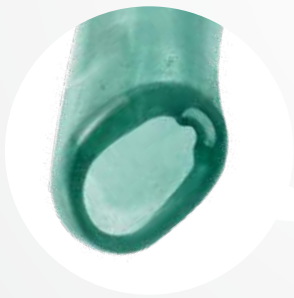
◆ Wei Nasal Jet(WNJ)

WEI NASAL JET can be used with a jet ventilator to provide effective supraglottic pulse oxygen supply and/or jet ventilation. It is applicable to respiratory inhibition and hypoxia caused by various reasons, and especially useful for operations under Monitored Anesthesia Care.

■ Features

- Provide effective supraglottic jet pulse oxygen supply and ventilation
- Improve oxygen supply and oxygenation. Decrease the rates of hypoxia and CO₂ accumulation in patients with respiratory suppression due to various reasons
- Facilitate End tidal carbon dioxide pressure (PetCO₂) monitoring

Size	Cat. No.
22Fr	A06A065010
26Fr	A06A066010
30Fr	A06A067010



● Manual Jet Ventilator

Handling emergency/difficult airway with WEI JET ENDOTRACHEAL TUBE, WEI NASAL JET, thyrocricoentesis catheter and hollow bougie.

■ Features

- Reusable, lightweight, portable and durable
- Trigger can offer convenient operation by the lever principle
- Gauge is sensitive and accurate
- Connecting Tubing with standard Luer Lock Connection
- Good seal

Cat. No.	A09A050110
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◆ Oropharyngeal Airway

● Guedel Type

- Smooth integrated design for optimum patient comfort and safety
- Color-coded bite block is designed for easy identification and to prevent biting down so that can avoid blocking airway
- Full range of sizes available

Size	Color Code	Cat. No.
40	Pink	A06B020410
50	Blue	A06B020510
60	Black	A06B020610
70	White	A06B020710
80	Green	A06B020810
90	Yellow	A06B020910
100	Red	A06B021010
110	Orange	A06B021110
120	Purple	A06B021210



● Berman Type

- Atraumatic one piece design for optimum patient comfort and safety
- Rigid bite block to ensure airway patency
- Two sides channel design provides passage of suction catheter to clear secretions and also provides space for oral care

Size	Cat. No.
40	A06B010410
50	A06B010510
60	A06B010610
70	A06B010710
80	A06B010810
90	A06B010910
100	A06B011010
110	A06B011110



Nasopharyngeal Airway

Nasopharyngeal airway is designed for easy insertion and maximum patient comfort. It facilitates suctioning in intensive care, general anaesthesia and also provides an alternative airway during emergency procedures.



Slidable rings are designed to adjust depth of the tube for more comfort while also prevent tube from slipping into the nasal airway beyond the desired depth.

Thickened flange and trumpet flange are designed to prevent tube slipping into the nasal airway.

Trumpet Type

Thickened Type

Slidable Type

Trumpet Type

Size (Fr)	ID (mm)	Cat. No.	Cat. No. (DEHP-FREE)
10	2.5	A06A012510	A06A01251F
12	3.0	A06A013010	A06A01301F
14	3.5	A06A013510	A06A01351F
16	4.0	A06A014010	A06A01401F
18	4.5	A06A014510	A06A01451F
20	5.0	A06A015010	A06A01501F
22	5.5	A06A015510	A06A01551F
24	6.0	A06A016010	A06A01601F
26	6.5	A06A016510	A06A01651F
28	7.0	A06A017010	A06A01701F
30	7.5	A06A017510	A06A01751F
32	8.0	A06A018010	A06A01801F
34	8.5	A06A018510	A06A01851F
36	9.0	A06A019010	A06A01901F

Thickened Type

Size (Fr)	ID (mm)	Cat. No.	Cat. No. (DEHP-FREE)
10	2.5	A06A032510	A06A03251F
12	3.0	A06A033010	A06A03301F
14	3.5	A06A033510	A06A03351F
16	4.0	A06A034010	A06A03401F
18	4.5	A06A034510	A06A03451F
20	5.0	A06A035010	A06A03501F
22	5.5	A06A035510	A06A03551F
24	6.0	A06A036010	A06A03601F
26	6.5	A06A036510	A06A03651F
28	7.0	A06A037010	A06A03701F
30	7.5	A06A037510	A06A03751F
32	8.0	A06A038010	A06A03801F
34	8.5	A06A038510	A06A03851F
36	9.0	A06A039010	A06A03901F

Slidable Type

Size (Fr)	ID (mm)	Cat. No.	Cat. No. (DEHP-FREE)
12	3.0	A06A043010	A06A04301F
14	3.5	A06A043510	A06A04351F
16	4.0	A06A044010	A06A04401F
18	4.5	A06A044510	A06A04451F
20	5.0	A06A045010	A06A04501F
22	5.5	A06A045510	A06A04551F
24	6.0	A06A046010	A06A04601F
26	6.5	A06A046510	A06A04651F
28	7.0	A06A047010	A06A04701F
30	7.5	A06A047510	A06A04751F
32	8.0	A06A048010	A06A04801F
34	8.5	A06A048510	A06A04851F
36	9.0	A06A049010	A06A04901F

* Available with connectors

◆ Accessories

● Intubating Stylet

■ Features

- Made of malleable aluminum covered with plastic sheath
- Soft rounded tip for minimizing patient trauma during intubation
- Flexible use for assistance of intubation

Size	Cat. No. (DEHP-FREE)
6Fr	A04B01062F
10Fr	A04B01101F
12Fr	A04B01121F
14Fr	A04B01142F



● Tracheal Tube Holder

The tracheal tube holder is designed to provide a fast and secure fixation of the tracheal tube after insertion in trachea.

■ Features

- Keep an tracheal tube in place without applying tape to the patients face
- Accommodate multiple-size ET tubes



Size	Cat. No.
Adult	A04D010110
Pediatric	A04D010210

● Tracheostomy Tube Holder

Tracheostomy tube holders are designed to provide secure positioning and to minimize movement of the tracheostomy tube. Unnecessary movement of the trach tube can result in accidental dislodgement or displacement of the tube, tracheoesophageal fistula, tracheal stenosis, or airway granuloma.



Size	Cat. No.
Adult	A04D030710
Pediatric	A04D030810

◆ Anesthesia Circuits

Anesthesia circuits are in combination with endotracheal tube or anesthesia mask, breathing filter and respiratory machine, offering a simple, convenient and efficient passage for clinic gas delivery, such as anesthetic gas, oxygen gas.

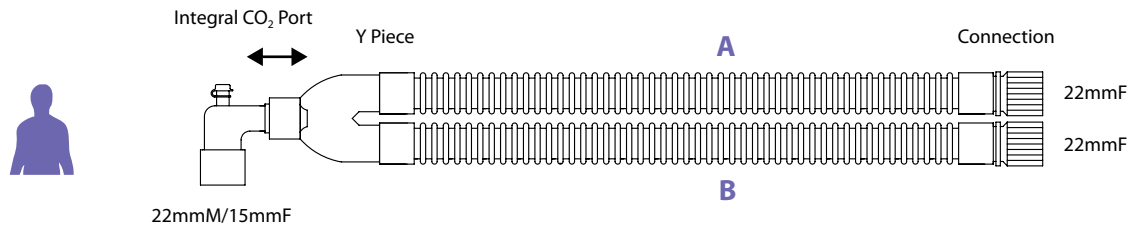
Well Lead offers an extensive range of anesthesia circuits covering corrugated, extendable and bilumen tubes, from a basic circuit to a complete kit that includes a variety of components. The anesthesia circuits are available in adult and pediatric sizes and different lengths. If you require a unique configuration, we can customize the proper anesthesia circuits according to your specific requirements and clinical needs.

- Light weight reduces torque on endotracheal tube, etc.
- High transparency for good visibility
- Good tenacity and low compliance
- Well designed tubing prevents tube collapse
- Cuffed connections ensure good sealing
- Available with different types of Wye connectors and elbows



• Disposable Anaesthetic Breathing Circuit (Corrugated)

(with Y Fixed Connector No Port, Elbow Connector with Port and Cap)

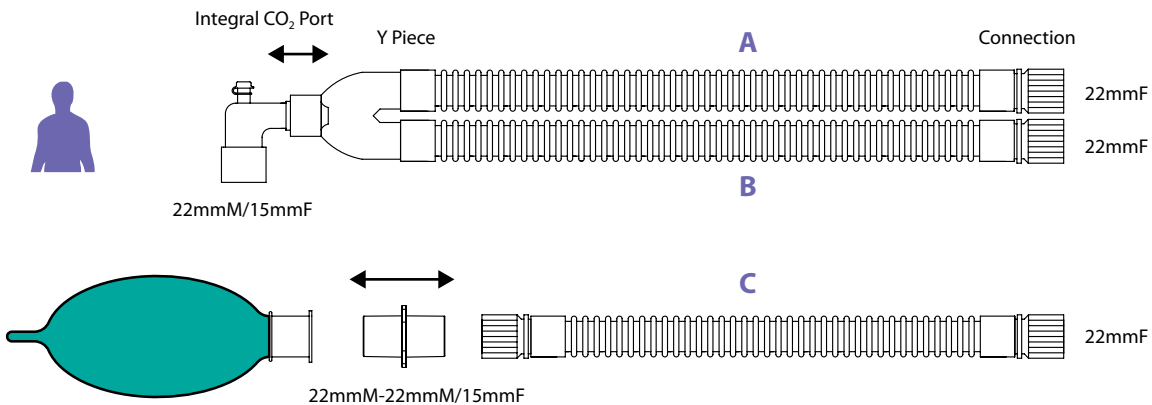


Cat. No.	Applicable	Y Piece	Tube (A/B)	Connection
WB1004.5FYCo2P	Pediatric	15F	1.5m	22F
WB1004FYCo2P	Pediatric	15F	1.8m	22F
WB1003.5FYCo2P	Adult	22M/15F	1.5m	22F
WB1003FYCo2P	Adult	22M/15F	1.8m	22F

* More options for tube length: 1.0m, 2.1m, 2.4m, 2.7m, 3.0m

• Disposable Anaesthetic Breathing Circuit Kit (Corrugated)

(with Y Fixed Connector No Port, Elbow Connector with Port and Cap), Limb and Reservoir Bag

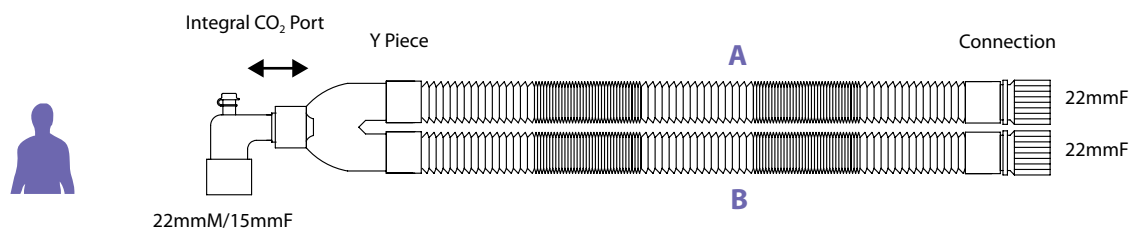


Cat. No.	Applicable	Y Piece	Tube (A/B)	Tube (C)	Connection	Bag
WB1002.5FYCo2P-1.5L	Pediatric	15F	1.5m	1.5m	22F	without
WB1002.5FYCo2P-1.5L1LF	Pediatric	15F	1.5m	1.5m	22F	1L
WB1002FYCo2P-1.8L	Pediatric	15F	1.8m	1.8m	22F	without
WB1002FYCo2P-1.8L1LF	Pediatric	15F	1.8m	1.8m	22F	1L
WB1001.5FYCo2P-1.5L	Adult	22M/15F	1.5m	1.5m	22F	without
WB1001.5FYCo2P-1.5L2LF	Adult	22M/15F	1.5m	1.5m	22F	2L
WB1001FYCo2P-1.8L	Adult	22M/15F	1.8m	1.8m	22F	without
WB1001FYCo2P-1.8L2LF	Adult	22M/15F	1.8m	1.8m	22F	2L

* More options for tube length: 1.0m, 2.1m, 2.4m, 2.7m, 3.0m

• Disposable Anaesthetic Breathing Circuit (Extendable)

(with Y Fixed Connector No Port, Elbow Connector with Port and Cap)

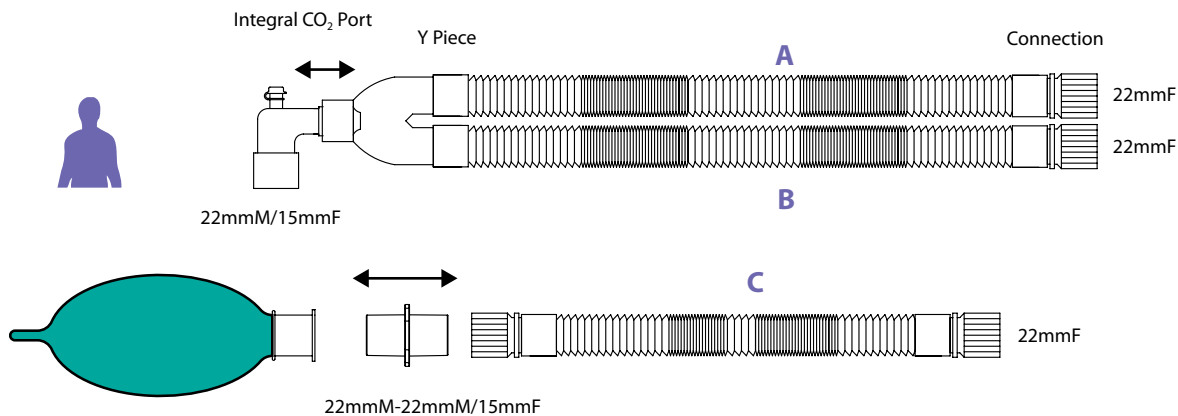


Cat. No.	Applicable	Y Piece	Tube (A/B)	Connection
WB1005.5FYCo2P	Pediatric	15F	1.5m	22F
WB1005FYCo2P	Pediatric	15F	1.8m	22F
WB1009.5FYCo2P	Adult	22M/15F	1.5m	22F
WB1009FYCo2P	Adult	22M/15F	1.8m	22F

* More options for tube length: 1.0m, 2.1m, 2.4m, 2.7m, 3.0m

• Disposable Anaesthetic Breathing Circuit Kit (Extendable)

(with Y Fixed Connector No Port, Elbow Connector with Port and Cap, Limb and Reservoir Bag)



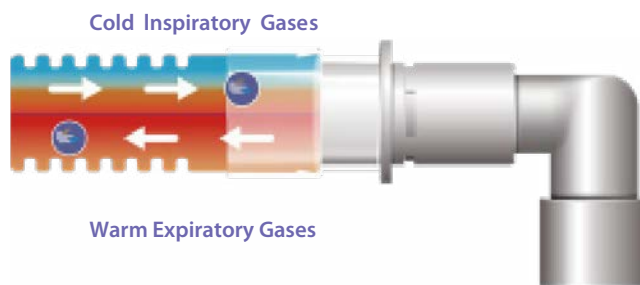
Cat. No.	Applicable	Y Piece	Tube (A/B)	Tube (C)	Bag
WB1006.5FYCo2P-1.5EL	Pediatric	15F	1.5m	1.5m	without
WB1006.5FYCo2P-1.5EL1LF	Pediatric	15F	1.5m	1.5m	1L
WB1006FYCo2P-1.8EL	Pediatric	15F	1.8m	1.8m	without
WB1006FYCo2P-1.8EL1LF	Pediatric	15F	1.8m	1.8m	1L
WB1007.5FYCo2P-1.5EL	Adult	22M/15F	1.5m	1.5m	without
WB1007.5FYCo2P-1.5EL2LF	Adult	22M/15F	1.5m	1.5m	2L
WB1007FYCo2P-1.8EL	Adult	22M/15F	1.8m	1.8m	without
WB1007FYCo2P-1.8EL2LF	Adult	22M/15F	1.8m	1.8m	2L

* More options for tube length: 1.0m, 2.1m, 2.4m, 2.7m, 3.0m

● **Divisiθ Bilumen Circuit**

Divisiθ Bilumen Circuit incorporates a smooth, bilumen, inner wall design, which improves internal flow and breathing resistance. As a result, there is no need for large diameter multiple tubing, which is why the Divisiθ Bilumen Circuit has been designed as a single, small low volume tube.

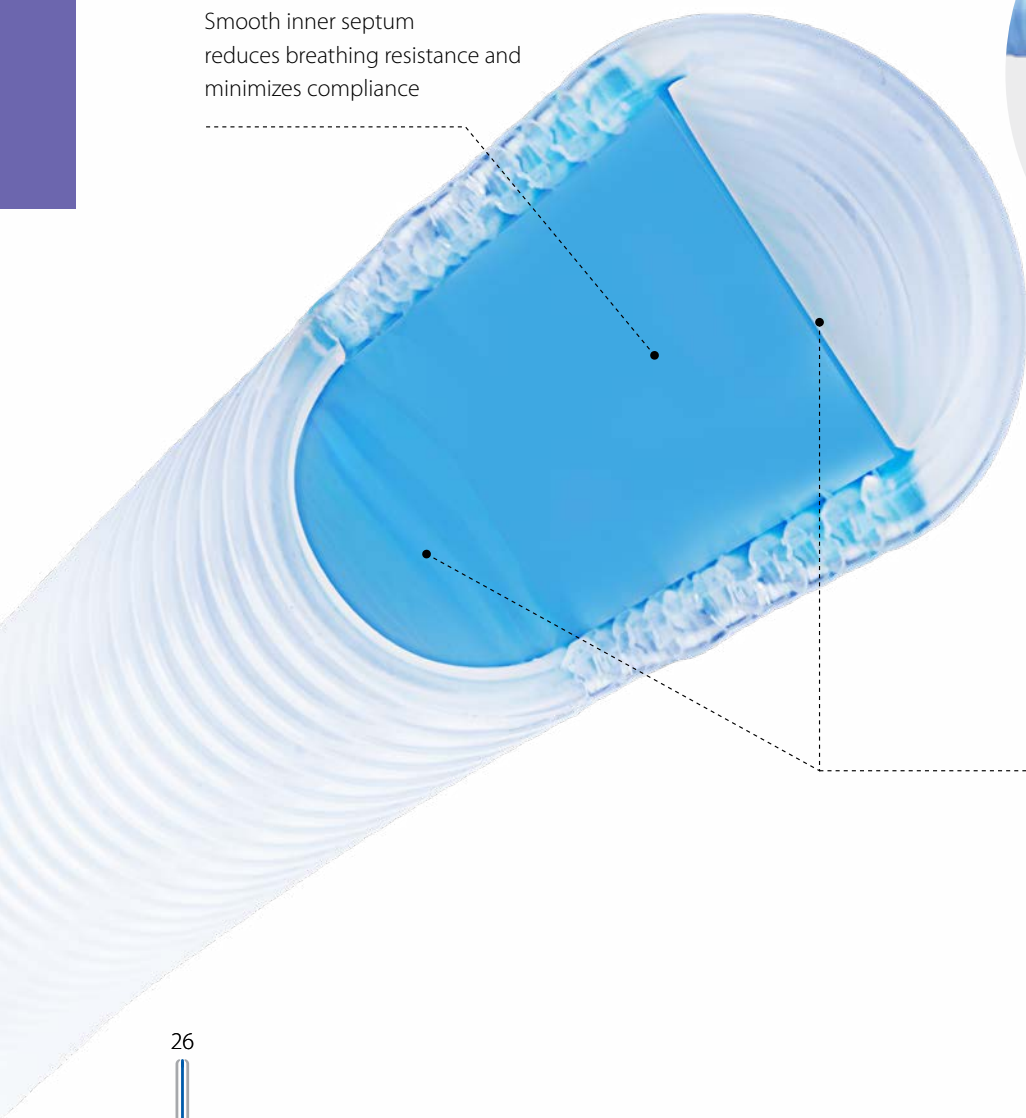
- Deal for Large Adults down to Paediatrics/Infants
- Ideal for Low/Ultra Low Flow Anaesthesia
- Lighter, smaller and creates a less cluttered workspace
- Help reduce Patient Core Body temperature loss
- Guaranteed quality through 100% leak testing



Warmth from exhaled air transfers across inner septum to help heat cold inspired gases which helps reduce core body temperature loss

Cut away of Divisiθ Tubing

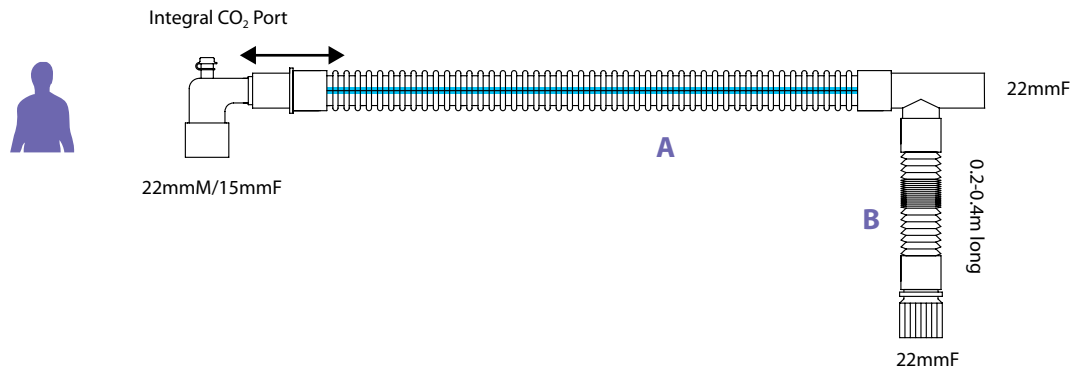
Smooth inner septum reduces breathing resistance and minimizes compliance



Low circuit volume for quicker wash-in/wash-out of fresh gas

• Divisiθ Bilumen Circuit Only

(Elbow with CO₂ Port, and T piece Insp/Exp. Connector Limb)

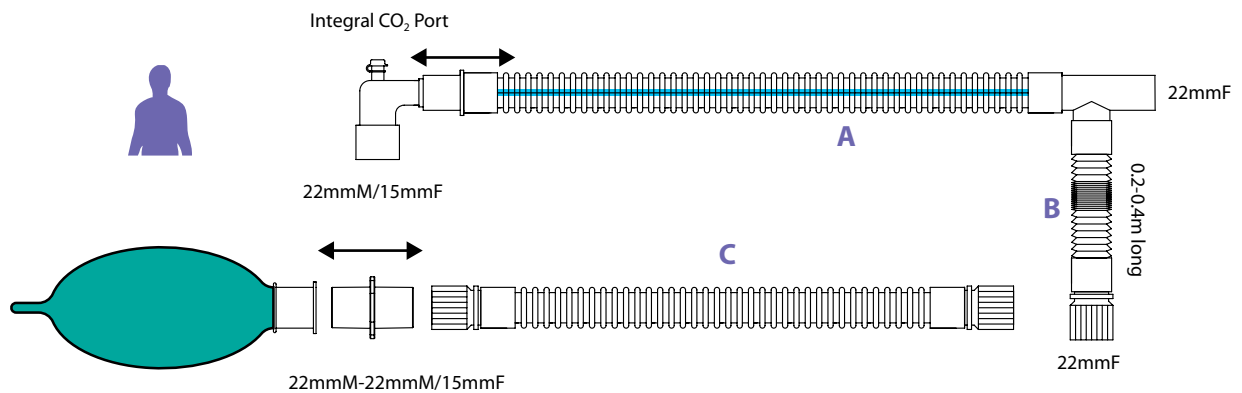


Cat. No.	Applicable	A	B
WB1040Co2P	Pediatric/Adult	1.5m	35cm (Extendable)
WB1042Co2P	Pediatric/Adult	1.8m	35cm (Extendable)

* More options for tube length:1.0m, 1.6m, 2.4m, 2.7m, 3.0m, 3.6m.

• Divisiθ Bilumen Circuit Kit

(Elbow with CO₂ Port, and T piece Insp/Exp. Connector Limb), Limb and Reservoir Bag



Cat. No.	Applicable	A	B	C	Bag
WB1042.5Co2P-1.5L2LF	Pediatric/Adult	1.5m	35cm (Extendable)	1.5m (Corrugated)	2L
WB1042.5Co2P-1.5EL2LF	Pediatric/Adult	1.5m	35cm (Extendable)	1.5m (Extendable)	2L
WB1044Co2P-1.8L2LF	Pediatric/Adult	1.8m	35cm (Extendable)	1.8m (Corrugated)	2L
WB1044Co2P-1.8EL2LF	Pediatric/Adult	1.8m	35cm (Extendable)	1.8m (Extendable)	2L

* More options for tube length:1.0m, 1.6m, 2.4m, 2.7m, 3.0m, 3.6m.

● Divisiθ Bilumen IGS Circuit

Divisiθ Bilumen Circuit with integrated anaesthetic gas sampling line running through the circuit, offers significant advantages over separate sampling line.

Improve the benefits of the Divisiθ:

Improve gas sampling response with low respiratory output patients
More efficient workflow - no need to transfer Co₂ Line for each new patient
Greatly reduce the risk of pinching/occluding the gas sampling line

Using the Divisiθ with IGS offers significant advantages over a separate gas sampling line:

When patients have low respiratory output (eg: after IV propofol at induction stage or when monitoring small children and infants), often it can be difficult to register a small tidal volume when sampling from a filter, as many sample ports are "off centre" and closer to the edge of the filter.

The **Integrated Gas Sampling line (IGS)** is positioned in the centre of the tidal flow, which is where the best flow is found when tidal volumes are minimal. This means that the IGS will usually provide a better response for low respiratory output patients, compared to using the sample port on a filter.

From a workflow perspective, using the **Integrated Gas Sampling Line (IGS)** option make much more sense. Nursing staff no longer need to repeatedly remove the gas sampling line and then re-attach to the new filter for each patient. The IGS is permanently in-situ to provide instant gas sampling, which saves time and also reduces the risk of someone forgetting to attach the gas sampling line for the next patient.

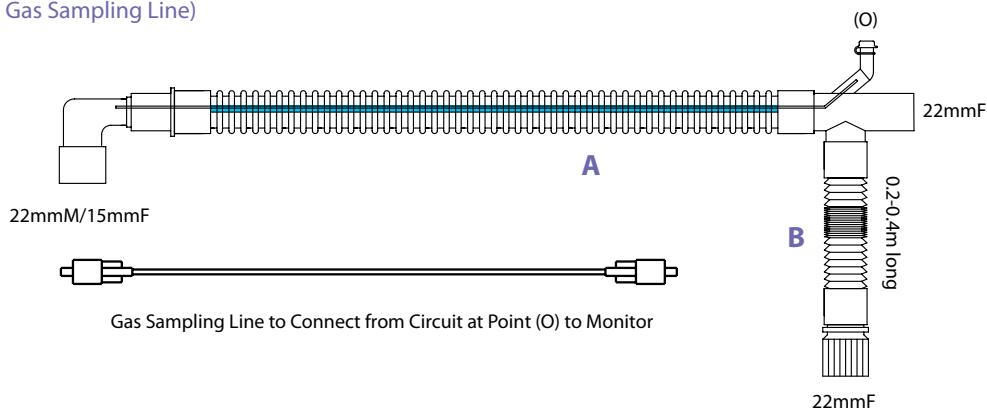
In addition, using the IGS enables the use of filters without ports, which reduces the risk of accidental occlusion of the airway by misplaced filter luer caps.

Since the IGS is run through the inside of the Divisiθ, it is protected from being pinched or occluded in use and therefore provides more reliable sampling. In addition, following the design ethos of the Divisiθ, the IGS version further reduces the clutter from the clinicians workspace.



• Divisiθ Bilumen IGS Circuit Only

(Elbow without Port, Integrated Gas Sampling Line, and T piece Insp/Exp. Connector Limb, 1.2m Connecting Gas Sampling Line)

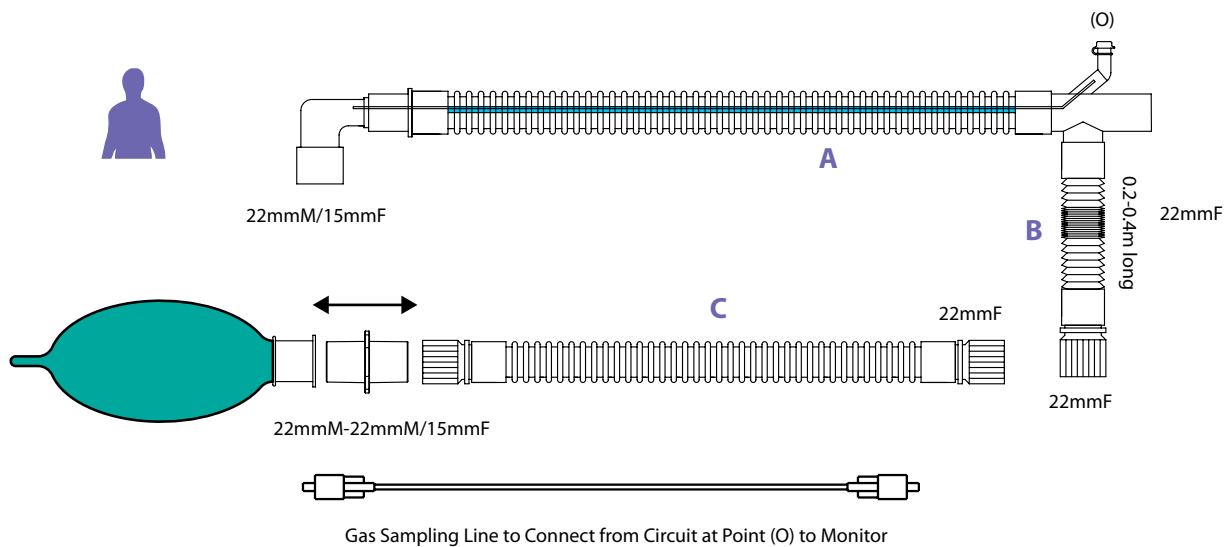


Cat. No.	Applicable	A	B	Gas Sampling Line
WB1040-IGSNP	Pediatric/Adult	1.5m	35cm (Extendable)	1.2m
WB1042-IGSNP	Pediatric/Adult	1.8m	35cm (Extendable)	1.2m

* More options for tube length:1.0m, 1.6m, 2.4m, 2.7m, 3.0m, 3.6m.

• Divisiθ Bilumen IGS Circuit Kit

(Elbow without Port, Integrated Gas Sampling Line, and T piece Insp/Exp. Connector Limb, 1.2m Connecting Gas Sampling Line), Limb and Reservoir Bag



Cat. No.	Applicable	A	B	C	Bag	Gas Sampling Line
WB1042.5-IGSNP-1.5L2LF	Pediatric/Adult	1.5m	35cm (Extendable)	1.5m (Corrugated)	2L	1.2m
WB1042.5-IGSNP-1.5EL2LF	Pediatric/Adult	1.5m	35cm (Extendable)	1.5m (Extendable)	2L	1.2m
WB1044-IGSNP-1.8L2LF	Pediatric/Adult	1.8m	35cm (Extendable)	1.8m (Corrugated)	2L	1.2m
WB1044-IGSNP-1.8EL2LF	Pediatric/Adult	1.8m	35cm (Extendable)	1.8m (Extendable)	2L	1.2m

* More options for tube length:1.0m, 1.6m, 2.4m, 2.7m, 3.0m, 3.6m.

Breathing Circuits

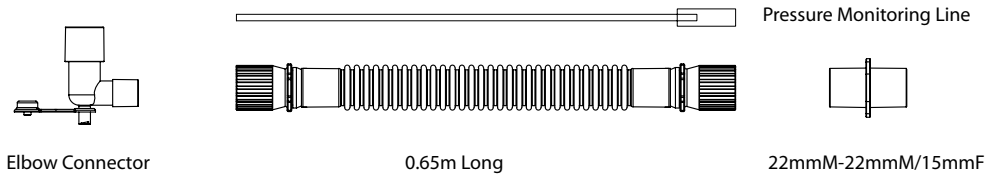
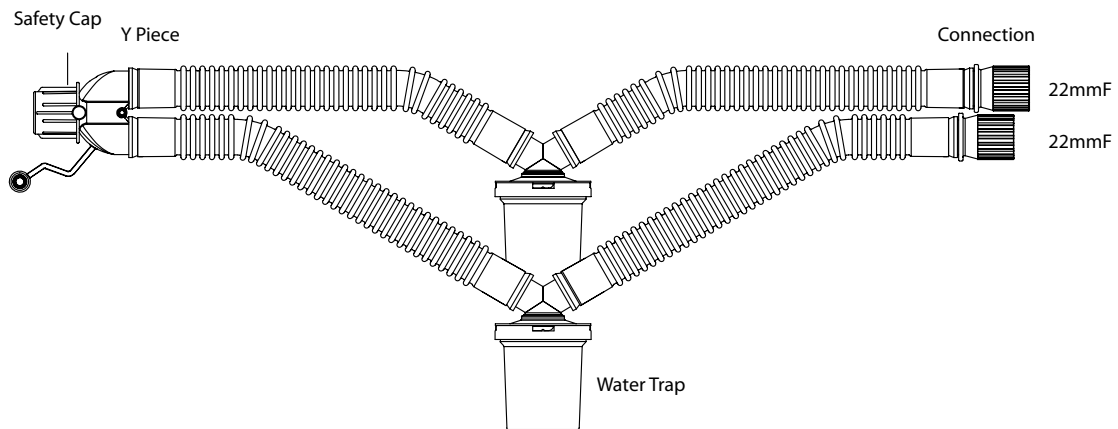
Breathing circuits are used to deliver breathing gas to patient. Well Lead offers corrugated circuits with water trap and heated breathing circuits with auto-fill humidification chamber. The circuit kit can include accessories like breathing filter, anesthetic mask, as well as different types of connectors. The circuits are available in adult and pediatric sizes and different lengths.



• Disposable Anaesthetic Breathing Circuit Kit (Corrugated, with water trap)

(with Y Fixed Connector No Port, Elbow Connector with Port and Cap), 0.65m limb

- Re-sealable water-trap design provides perfect sealing
- Transparent water trap design for easy monitoring of water build-up or blockages
- Available sizes: pediatric and adult



Cat. No.	Applicable	Length	Y Piece	Connection
WB1002.5FYCo2PSC-4x0.7-2WT0.65L	Pediatric	1.5m	15F	22M-22M/15F
WB1002FYCo2PSC-4x0.9-2WT0.65L	Pediatric	1.8m	15F	22M-22M/15F
WB1001.5FYCo2PSC-4x0.7-2WT0.65L	Adult	1.5m	22M/15F	22M-22M/15F
WB1001FYCo2PSC-4x0.9-2WT0.65L	Adult	1.8m	22M/15F	22M-22M/15F

● Heated Breathing Circuits

The heated breathing circuits minimize inspiratory and expiratory condensation. It not only provides the patients safe & comfortable ventilation, but also reduces the condensate-related ventilator alarms. It is suitable to use in intensive care and high dependency units in conjunction with life support equipment or other departments.

* Safety and quality guaranteed by following EN ISO 5367 Guideline

- Standard connection for major ventilators
- Both adult and infant types are available
- Buffering design of infant type for protecting airway
- Suitable for single patient use up to 7 days
- Complete range of single or dual heated circuits with accessories

* Water trap, pressure monitoring tube, humidifier chamber and connector with temperature monitoring port are available



Protective Cassette

Protect the chamber from contamination and keep the tube organized for convenient storage



Humidification Chamber

Dual-Float Mechanism

Prevent the chamber overfilling

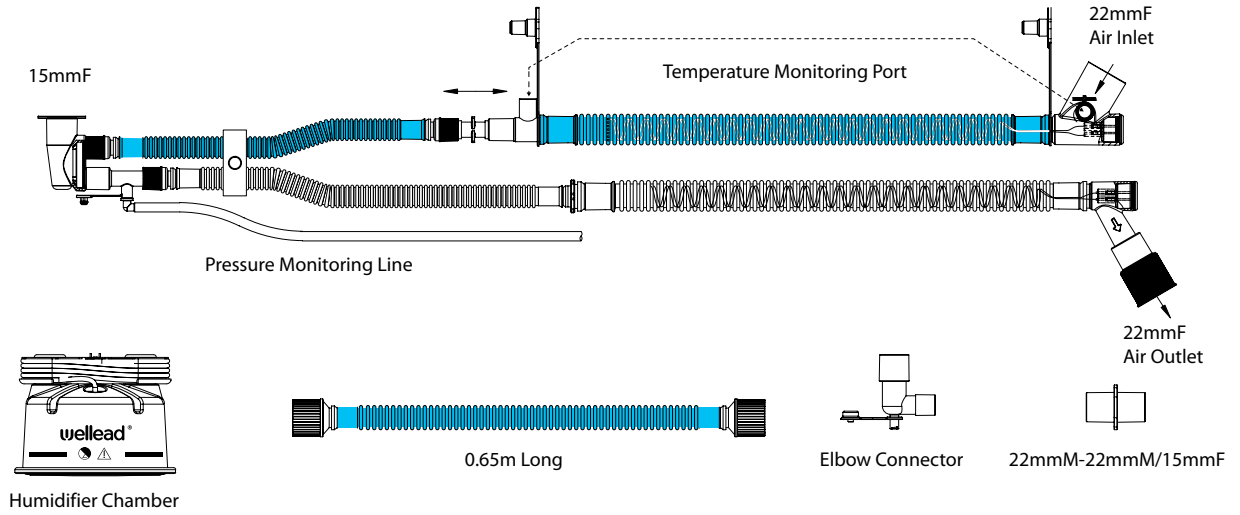
Clear Material

Good visual for assessment of the fluid level

Clear Water Indicator

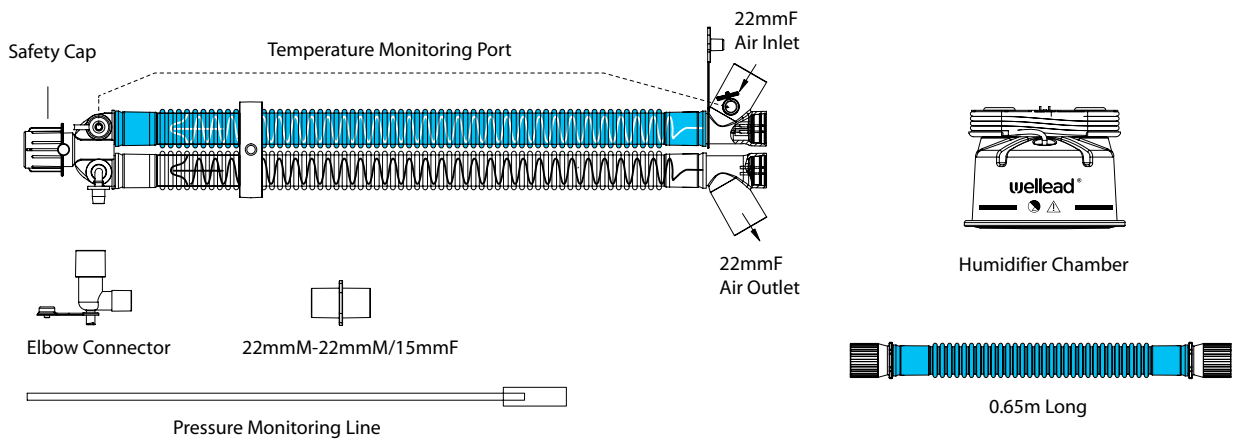
For instant accurate fluid level assessment

● Heated Breathing Circuit (Dual Limb), Infant



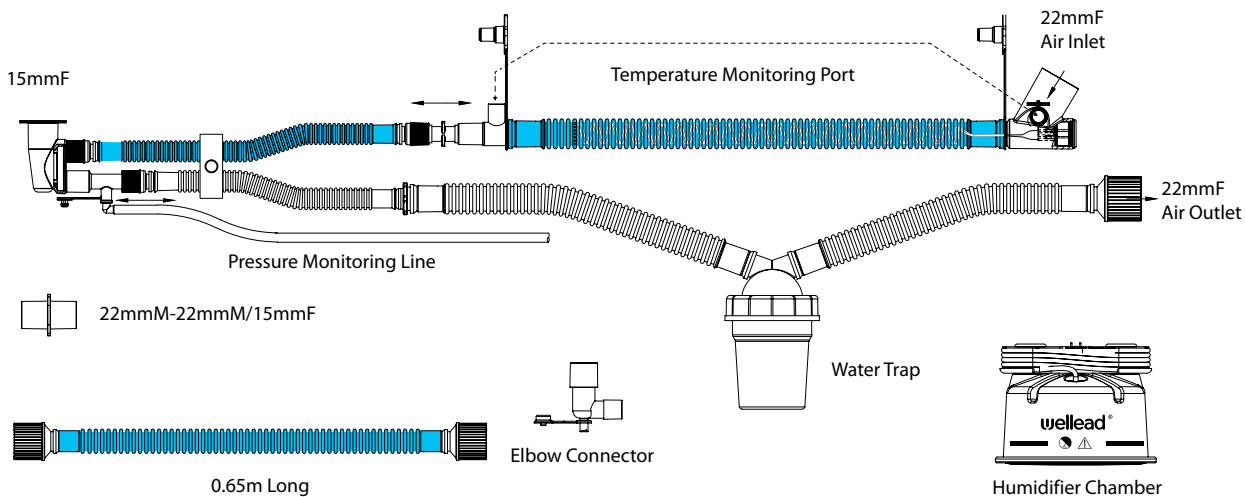
Cat. No.	Applicable	Length	Humidifier	Pressure line
HBC-p01	Infant	1.6m		
HBC-p02	Infant	1.6m	✓	
HBC-p03	Infant	1.6m	✓	✓

● Heated Breathing Circuit (Dual Limb), Adult



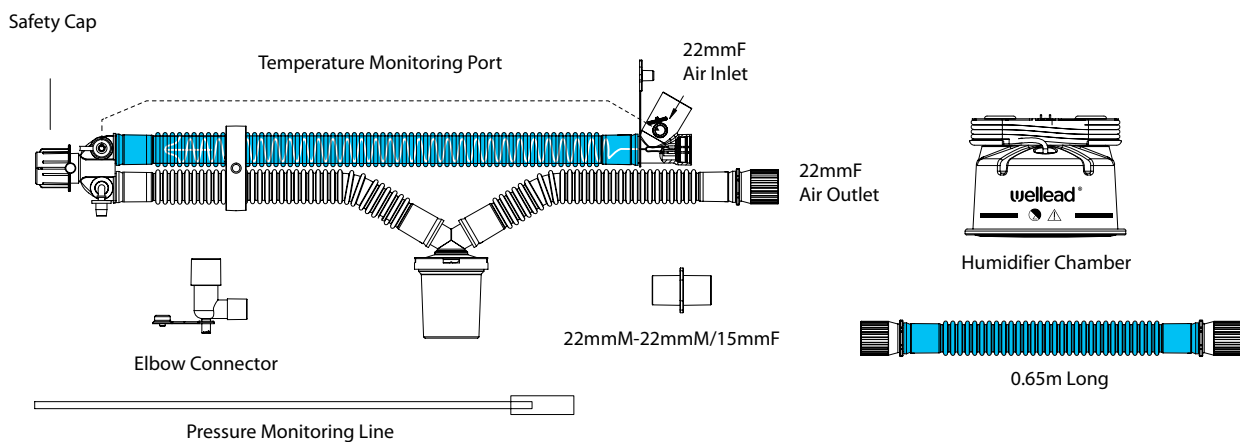
Cat. No.	Applicable	Length	Humidifier	Pressure line
HBC-a01	Adult	1.6m		
HBC-a02	Adult	1.6m	✓	
HBC-a03	Adult	1.6m	✓	✓

● Heated Breathing Circuit (Single Limb), Infant



Cat. No.	Applicable	Length	Water trap	Humidifier	Pressure line
HBC-p04	Infant	1.6m	✓		
HBC-p05	Infant	1.6m	✓	✓	
HBC-p06	Infant	1.6m	✓	✓	✓

● Heated Breathing Circuit (Single Limb), Adult

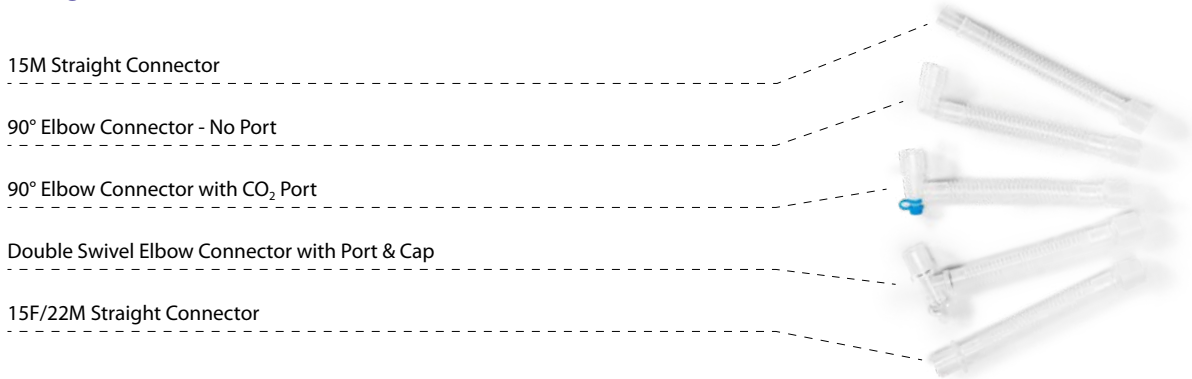


Cat. No.	Applicable	Length	Water trap	Humidifier	Pressure line
HBC-a04	Adult	1.6m	✓		
HBC-a05	Adult	1.6m	✓	✓	
HBC-a06	Adult	1.6m	✓	✓	✓

Catheter Mounts

Catheter mount, as a bridge of patient end and breathing circuit end, the patient end can be in combination with oxygen mask, HMEF, ET tube, laryngeal mask and etc.

Attached with anesthetic breathing circuit, it helps to reduce the weight pressure on a patient's airway device or tracheostomy wound. Universal patient connectors and machine end connectors provide more options for airway management.



Model	Machine End Connector	Patient End Connector	Cat. No. (Length 15cm)Sterile	Cat. No. (Length 20cm)Sterile
Corrugated	22F Connector	15F/22M Straight Connector	A13C030119	A13C030129
		15M Straight Connector	A13C03011A	A13C03012A
		90° Elbow Connector - No Port	A13C030116	A13C030126
		90° Elbow Connector with CO ₂ Port	A13C03011B	A13C03012B
		Double Swivel Elbow Connector with Port & Cap	A13C030112	A13C030122
	15M Connector	15F/22M Straight Connector	A13C030110	A13C030120
		15M Straight Connector	A13C030118	A13C030128
		90° Elbow Connector - No Port	A13C030111	A13C030121
		90° Elbow Connector with CO ₂ Port	A13C030117	A13C030127
		Double Swivel Elbow Connector with Port & Cap	A13C030113	A13C030123



Model	Machine End Connector	Patient End Connector	Cat. No. (Length 15cm)Sterile	Cat. No. (Length 20cm)Sterile
Extendable	22F Connector	15F/22M Straight Connector	A13C030219	A13C030229
		15M Straight Connector	A13C03021A	A13C03022A
		90° Elbow Connector - No Port	A13C030216	A13C030226
		90° Elbow Connector with CO ₂ Port	A13C03021B	A13C03022B
		Double Swivel Elbow Connector with Port & Cap	A13C030212	A13C030222
	15M Connector	15F/22M Straight Connector	A13C030210	A13C030220
		15M Straight Connector	A13C030218	A13C030228
		90° Elbow Connector - No Port	A13C030211	A13C030221
		90° Elbow Connector with CO ₂ Port	A13C030217	A13C030227
		Double Swivel Elbow Connector with Port & Cap	A13C030213	A13C030223



Model	Machine End Connector	Patient End Connector	Cat. No. (Length 15cm)Sterile	Cat. No. (Length 20cm)Sterile
Smoothbore	22F Connector	90° Elbow Connector - No Port	A13C030316	A13C030326
		90° Elbow Connector with CO ₂ Port	A13C03031B	A13C03032B
		Double Swivel Elbow Connector with Port & Cap	A13C030312	A13C030322
	15M Connector	90° Elbow Connector - No Port	A13C030311	A13C030321
		90° Elbow Connector with CO ₂ Port	A13C030317	A13C030327
		Double Swivel Elbow Connector with Port & Cap	A13C030313	A13C030323

Accessories

Gas Sampling Line

Features

- Made of medical grade material
- Designed for precision sampling of end-tidal CO₂
- Offered in both male or female luer for machine fittings
- Different length is available



Male Connector



Female Connector

Specification	Cat. No.
1.2m, Male - Male Connectors	A13C020112
1.5m, Male - Male Connectors	A13C020115
2.0m, Male - Male Connectors	A13C020120
3.0m, Male - Male Connectors	A13C020130
1.2m, Male - Female Connectors	A13C020212
1.5m, Male - Female Connectors	A13C020215
2.0m, Male - Female Connectors	A13C020220
3.0m, Male - Female Connectors	A13C020230



● Breathing Bags

■ Features

- Lightweight design
- ISO standard connectors for convenient and secure connection
- Smooth textured surface and oral shape for easy assessment of patient lung activity

Latex-Free Breathing Bag

Volume (L)	Cat. No.
0.5	A13C010220
1	A13C010230
2	A13C010240
3	A13C010250



Latex-Free Breathing Bag with Loop Tail

Volume (L)	Cat. No.
1	A13C010231
2	A13C010241
3	A13C010251



● Air Cushion Mask

■ Features




- Colored removable hook rings for easy size identification and fixation
- Soft inflated cushion for good sealing and patient comfort



Size	Color Code	Cat. No.
Neonate	N/A	A07A010110
Infant	N/A	A07A010210
Child	White	A07A010310
Small Adult	Green	A07A010410
Adult	Yellow	A07A010510
Large Adult	Red	A07A010610
XLGE Adult	Blue	A07A010710





● Bacterial And Viral Filter

Filters are used with patients whose upper airways are being bypassed by an artificial tracheal airway removing the patients natural ability to filter inspired air or receiving artificial ventilator support where a gas is being introduced into a body cavity as during Laparoscopic surgery or to protect equipment, staff and the environment from potential cross contamination within Anaesthesia, Respiratory, Critical Care and Surgical clinical areas.

	Cat. No.	Cat. No.	Cat. No.
Electrostatic Filter	A12A011110 Adult	A12A011210 Adult Angled	A12A011310 Adult
			
Filtration Efficiency(%)	99.999	99.999	99.999
Humidity output	N/A	N/A	N/A
Resistance	100pa@30LPM	100pa@30LPM	60pa@30LPM
Dead Space(ml)	32ml	30ml	30ml
Tidal Volume(ml)	90-1500	90-1500	90-1500
Connections	22M/15F - 22F/15M	22M/15F - 22F/15M	22F/15M-22M
Weight(g)	23	23	23
Gas Monitoring Luer Port	Yes	Yes	NO

	Cat. No.	Cat. No.	Cat. No.
Electrostatic Filter	A12A012110 Pediatric	A12A012210 Pediatric Angled	A12A013110 Infant Angled
			
Filtration Efficiency(%)	99.999	99.999	99.999
Humidity output	N/A	N/A	N/A
Resistance	120pa@15LPM	100pa@15LPM	160pa@7.5LPM
Dead Space(ml)	26ml	32ml	13ml
Tidal Volume(ml)	100-1500	90-1500	>45ml
Connections	22M/15F - 22F/15M	22M/15F - 22F/15M	22M/15F - 22F
Weight(g)	18	19	9
Gas Monitoring Luer Port	Yes	Yes	Yes






	Cat. No.	Cat. No.
Mechanical HEPA Filter	A12A021110 Adult Mechanical HEPA	A12A021210 Adult Angled Mechanical HEPA
		
Filtration Efficiency(%)	99.9999	99.9999
Humidity output	25mg/H2O@VT500ml	25mg/H2O@VT500ml
Resistance	150pa@30LPM	130pa@30LPM
Dead Space(ml)	52ml	60ml
Tidal Volume(ml)	200-1500	200-1500
Connections	22M /15F - 22F/15M	22M /15F - 22F/15M
Weight(g)	40	42
Gas Monitoring Luer Port	Yes	Yes





● Heat Moisture Exchanger (HME)

HME is designed to retain moisture from the gas expired by patients whose upper airway are being bypassed by an artificial airway which removes the patient's natural ability to filter, warm and moisten inspired gas.

The media of HME acts in a similar way to a person's upper airway, when they breathe out the media traps and retains moisture and warmth present in expired breath, which otherwise would be lost.

The HME is made with a special binding process ensuring that the media to retain moisture does not start attracting moisture until the patient starts to breathe through the device.





	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Foam HME	A12B011110 Adult	A12B011210 Adult Angled	A12B022110 Pediatric	A12B022210 Pediatric Angled	A12B013110 Infant Angled
					
Humidity output	31mg/H2O@ VT500ml	31mg/H2O@ VT500ml	>31mg/H2O@ VT500ml	>31mg/H2O@ VT500ml	>31.5mg/H2O@ VT500ml
Resistance	180pa @ 60LPM	130pa @ 60LPM	100pa @ 15LPM	90pa @ 15LPM	20pa @ 10LPM
Dead Space(ml)	53ml	66ml	26ml	31ml	13ml
Tidal Volume(ml)	150-1500	200-1500	90-1500	90-1500	>45
Connections	22M /15F - 22F/15M	22M /15F - 22F/15M	22M /15F - 22F/15M	22M /15F - 22F/15M	22M /15F - 22F
Weight(g)	27	30	19	18	9
Gas Monitoring Luer Port	Yes	Yes	Yes	Yes	Yes




	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Tracheostomy HME	A12B030110 Foam	A12B040210 Corrugated paper	A12B053110 Neonate	A12B060410 Foam
				
Humidity output	26.1mg/H2O@ VT500ml	23.4mg/H2O@ VT500ml	32mg/H2O@ VT25ml	27mg/H2O@ VT500ml
Resistance	46-57pa @ 30LPM	40pa @ 30LPM	90pa @ 5LPM	35pa @ 30LPM
Dead Space(ml)	11ml	11ml	3ml	8ml
Tidal Volume(ml)	>25ml	>25ml	>10ml	>25
Connections	15F	15F	15F - 15M	15F
Weight(g)	8	5	3	9
Gas Monitoring Luer Port	No	No	No	No

● Heat Moisture Exchanger Filter (HMEF)

Heat Moisture Exchanger Filters combine the abilities of filtration with humidification by minimizing moisture loss from expired gases, while performing filtration efficiencies up to 99.9999%, thus saves heat and moisture while reduces risks of cross-contamination.

High Efficiency Paper Pleated Filters with low resistance and high filtration efficiency up to 99.9999% are also available to provide maximum protection over patients in ICU.

	Cat. No. A12C011110 Adult	Cat. No. A12C011210 Adult Angled	Cat. No. A12C022110 Pediatric	Cat. No. A12C022210 Pediatric Angled
HMEF				
Humidity Output	31mg/H2O@ VT500ml	31mg/H2O@ VT500ml	31mg/H2O@ VT500ml	31mg/H2O@ VT500ml
Filtration Efficiency(%)	99.999	99.999	99.999	99.999
Resistance	100pa @ 60LPM	130pa @ 60LPM	120pa @ 15LPM	110pa @ 15LPM
Dead Space(ml)	55ml	66ml	26ml	32ml
Tidal Volume(ml)	150-1500	200-1500	120-1500	120-1500
Connections	22M /15F - 22F/15M	22M /15F - 22F/15M	22M /15F - 22F/15M	22M /15F - 22F/15M
Weight(g)	27	31	19	18
Gas Monitoring Luer Port	Yes	Yes	Yes	Yes

	Cat. No. A12C013110 Infant Angled	Cat. No. A12C031110 Adult Corrugated Paper	Cat. No. A12C041110 Adult Mechanical HEPA
HMEF			
Humidity Output	31.5mg/H2O@ VT50ml	25mg/H2O@VT500ml	31mg/H2O@ VT500ml
Filtration Efficiency(%)	99.999	99.9999	99.9999
Resistance	190pa @ 10LPM	100pa@30LPM	140pa @ 30LPM
Dead Space(ml)	14ml	55ml	55ml
Tidal Volume(ml)	>45	150-1500	150-1500
Connections	22M /15F - 22F/15M	22M /15F - 22F/15M	22M /15F - 22F/15M
Weight(g)	9	27	40
Gas Monitoring Luer Port	Yes	Yes	Yes

● **Breathing Circuit Fittings**

Elbow Connectors



90° Elbow Connector - No Port



90° Elbow Connector with CO2 Port



Double Swivel Elbow Connector with Port & Cap

Straight Adaptor



15M-15M Adaptor



22M-22M/15F Adaptor



15M-22M/15F Adaptor

Caps



Silicone Sampling Cap



Safety Cap

Humidifier Chamber



Humidifier Chamber

Connectors



Adult Fixed Y Connector



Adult Fixed Y Connector with Gas Sampling Port



Child Fixed Y Connector



Main Body for Adult Swivel Y



Main Body for Adult Swivel Y- No Port



GE Carestation Connector



ICU Inspiratory Patient End Adaptor with Temperature Port



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