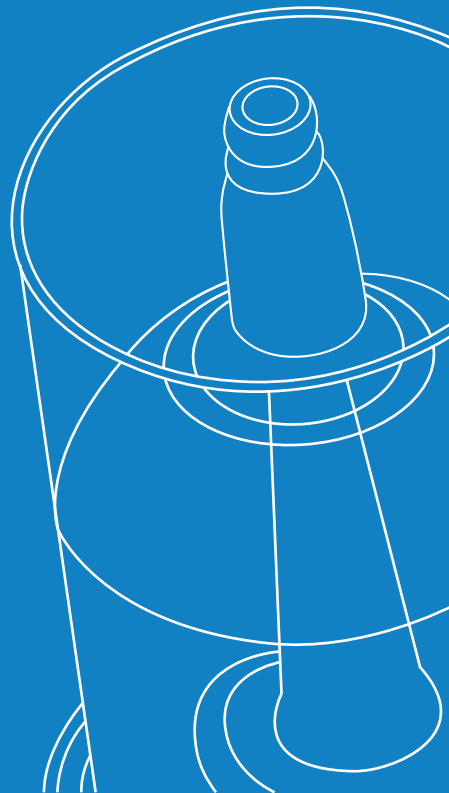


Coaxial Circuits

altech[®]

Breathing Systems



Our Mission

To create a healthcare world brand from Izmir, a bridge between the medical sector and society by delivering low cost and user friendly solutions with the highest product-process-quality performance and to build up a culture of mutual trust and continuous improvement among our stakeholders.

Our Vision

Safe Work & Capable People

To provide an excellent work environment to our employees by consistently taking care about their safety and to provide training to develop their capabilities

Delivery

To maintain 100% customer satisfaction by punctual deliveries.

Quality Process

To establish a robust quality system that allows us to become a highly reliable and in compliance with regulations.

Financial

While our company increases its growth in sales, will also be focused on the continuous improvement of our financial management of costs and expenses to improve the cash flow.



1983

The Year Group was established

70 M

The Consolidated USD Turnover in 2015

78

The Number of Countries Group Exports To

590

Headcount

60.000 m²

Total Area

30.000 m²

Production Area

11

Cleanrooms

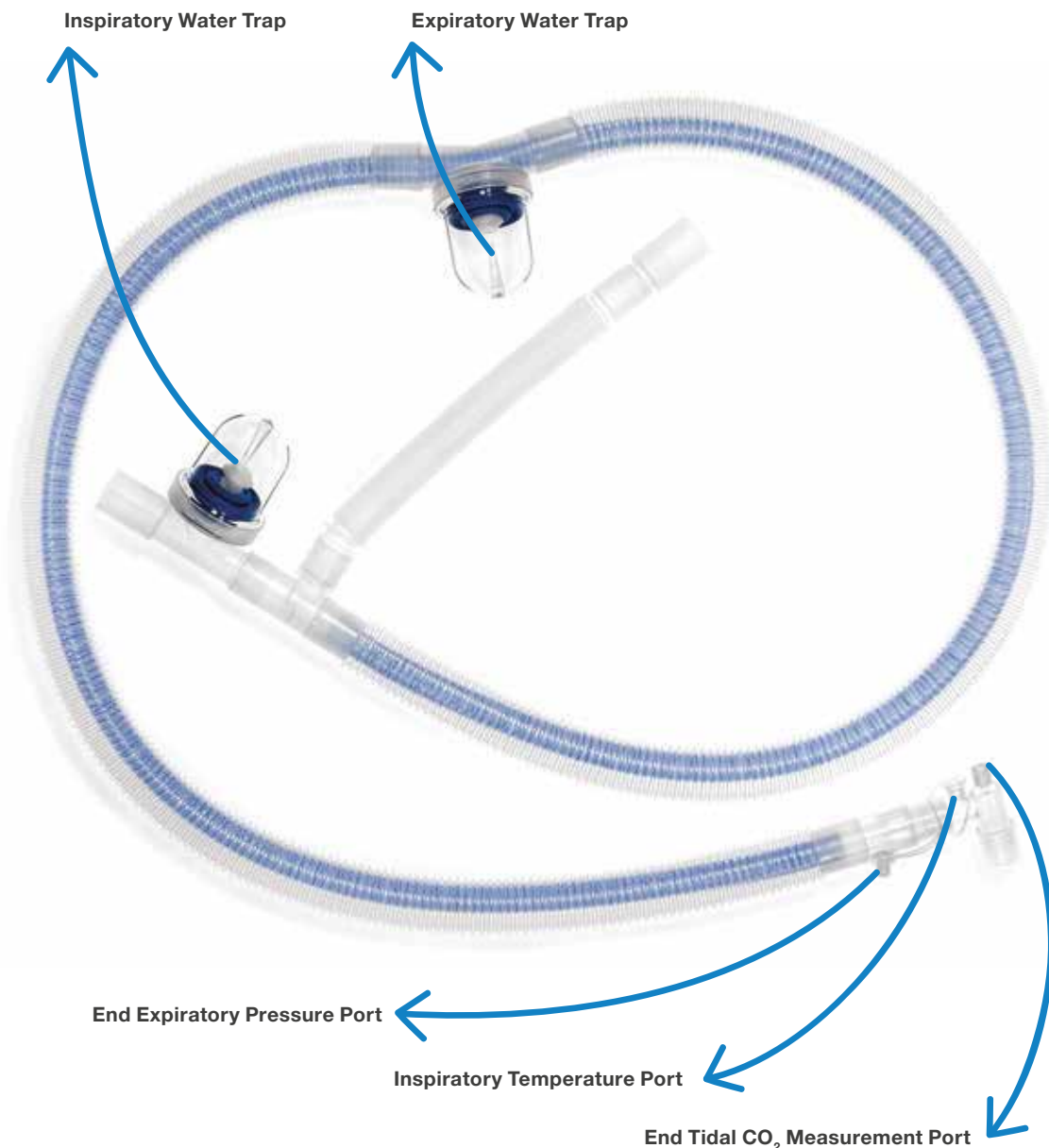
COAXIAL CIRCUITS WITH WATER TRAP

General Features

- Reliable, convenient and designed for enhancing natural warming of inspired gases, coaxial circuits with their streamlined tube within a tube design eliminates the drag on the patient.
- The system provides increased circuit mobility and low weight in comparison with a traditional circle circuit.
- The best advantage of this coaxial design is to provide a self-contained, thermally efficient atmosphere where inspired gasses are naturally warmed and humidified.
- All fittings comply with ISO 5356 standard.

Coaxial Circuits in Low Flow Anesthesia

- Although low-flow anaesthesia increases humidification and warming of anaesthetic gases, if continued for an extended duration, condensation may occur in the circuit leading to equipment malfunction such as failure of the valves and gas monitor.
- Especially in long term operations high temperature and humidity of anesthetic gases cause condensation in the circuit.
- Coaxial Circuit with water trap collects the condensate, minimises the risk of malfunction and can be safely used in low flow anesthesia.



Altech Coaxial Circuits with Water Trap

- Can be used safely in anesthesiology. Special designed self sealed water traps on both inspiratory and expiratory lines protects the machine and the patient.
- Can continue to be used in PACU if the patient needs to be mechanically ventilated after surgery.
- Allows end-tidal CO₂, temperature end –expiratory pressure measurements via on device ports. a

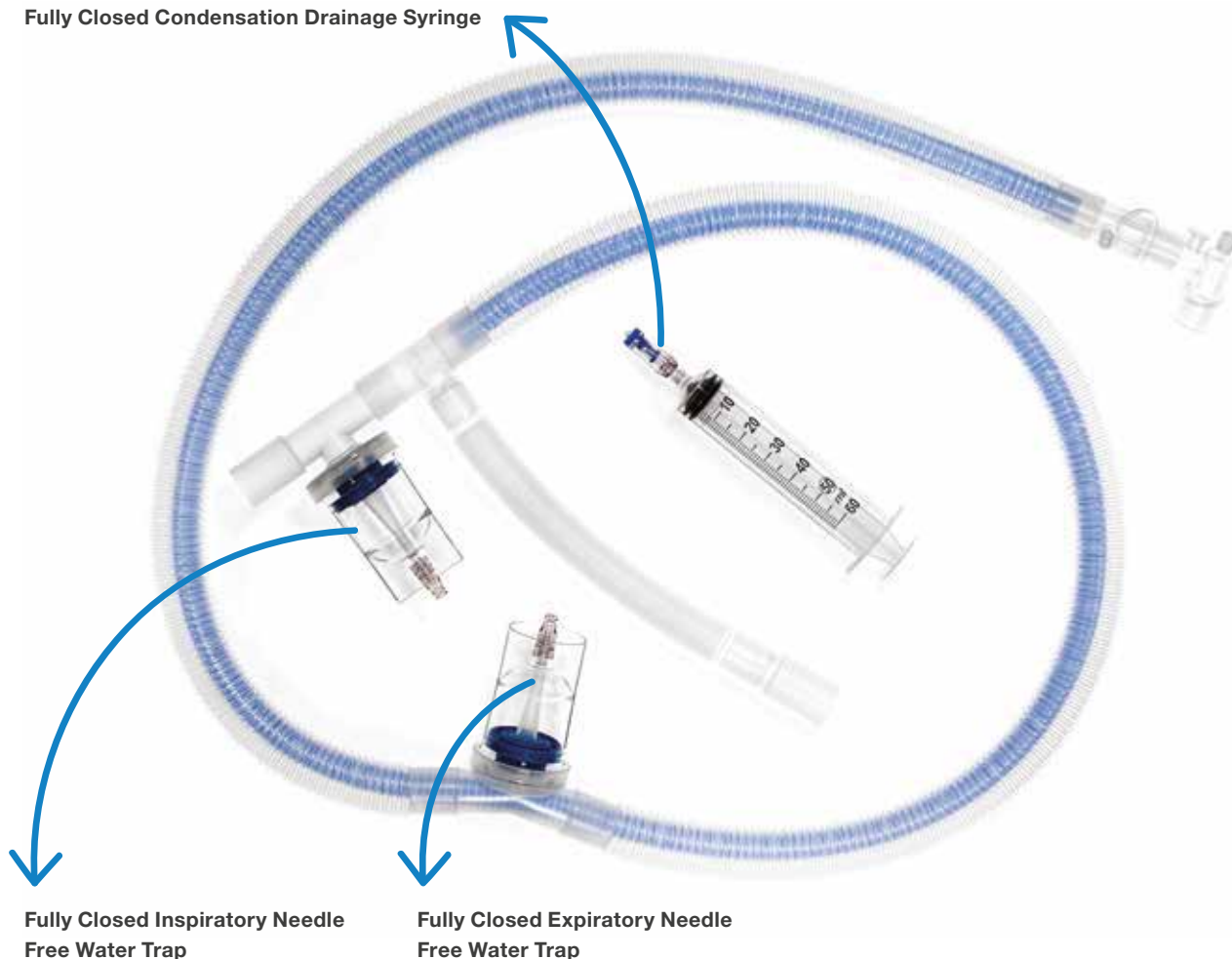
FULLY CLOSED COAXIAL CIRCUITS WITH WATER TRAP

- Although coaxial circuit has been designed as an anesthesia circle system, it has also proven to be suitable in the ICU as providing a desired level of humidity. Altech coaxial (tube within a tube) breathing system ideal for use within both operating room and ICU.
- The system provides increased circuit mobility and low weight in comparison with a traditional circle circuit.
- Water traps also eliminate the possible infection risk in ICU leading to sepsis caused by condensation accumulation within the inspiratory and expiratory lines.

- Water trap on this circuit with its unique design withdraws condensation from the circuit to secure the machine and contributes ventilation by preventing resistance to air which occurs due to water condensation.
- Optional CO₂ monitoring line collects end tidal CO₂ from the tip of the patient elbow connector. This provides accurate gas sampling.

FULLY CLOSED VENTILATION CIRCUIT IS YOUR CLOSEST ALLY IN PREVENTION of SEPSIS MOST COMMON, LEAST KNOWN AND HIGHEST MORTALITY RISKED DISEASE

Fully Closed Condensation Drainage Syringe



Fully Closed Inspiratory Needle
Free Water Trap

Fully Closed Expiratory Needle
Free Water Trap

CONTINUITY OF MECHANICAL VENTILATION and MINIMUM INFECTION RISK

Proper humidification of mechanically ventilated patients is very important. Active humidification commonly used for adequate humidification comes with challenge of water condensation in the circuit.

Condensation that collects in the ventilation circuit is considered to be contaminated and it should be handled and removed carefully for infection control purposes. If the system is opened to drain the condensate; consequences such as contamination of interior of the circuit; exposure of caregiver to contaminated condensate; crosscontamination of other patients and possible collapse of the

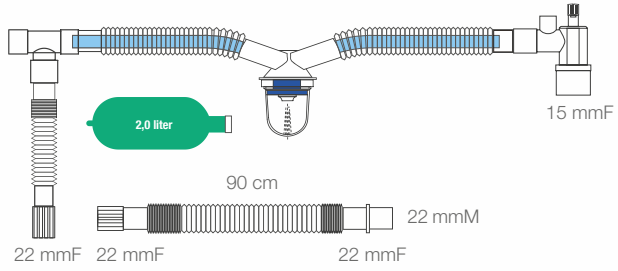
alveoli due to breakage of the circuit increase the risk of interruption and failure of clinicians' therapy.

Collection and and drainage of the condensate with a closed system is crucial to eliminate challenges above and to prevent infection (VAP and sepsis). Altera fully closed ventilation circuits contribute to continuous ventilation therapy without interruption and with minimized infection risk.

COAXIAL ANESTHESIA CIRCUITS WITH WATER TRAP

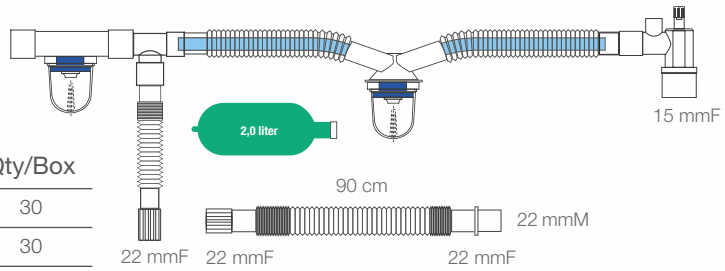
COAXIAL ANESTHESIA CIRCUIT WITH WATER TRAP

	Length	Code	Qty/Box
Adult	180 cm/71"	AL-1913-060	30
Pediatric	150 cm/59"	AL-P1913-060	30



LOW-FLOW COAXIAL ANESTHESIA CIRCUIT WITH WATER TRAP

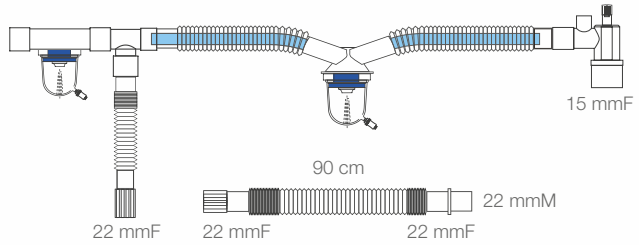
	Length	Code	Qty/Box
Adult	180 cm/71"	AL-1923-060	30
Pediatric	150 cm/59"	AL-P1923-060	30



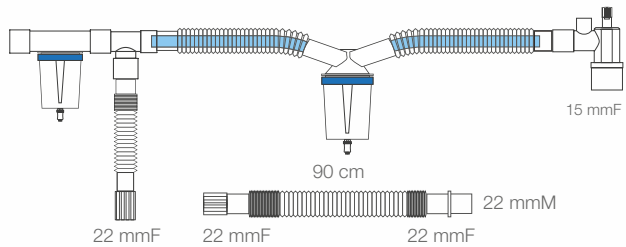
FULLY CLOSED COAXIAL VENTILATION CIRCUITS

COAXIAL VENTILATION CIRCUIT WITH NEEDLE FREE WATER TRAP

	Length	Code	Qty/Box
Adult	180 cm/71"	AL-1923-000/9 .V002	50
Pediatric	180 cm/71"	AL-P1923-000/9 .V002	50



	Length	Code	Qty/Box
Adult	180 cm/71"	AL-1923-000/9 .V001	50
Pediatric	180 cm/71"	AL-P1923-000/9 .V001	50



Factory

Address : İbni Melek OSB Mah. TOSBİ YOL 4 Sk. No: 29 35900 Tire IZMİR / TURKEY

Telephone : +90 232 513 51 10 (pbx) • **Fax**: +90 232 513 51 14

Headquarter

Address : 5758 Sok. No: 4/C Kat: 2-3 Karabağlar IZMİR / TURKEY

Telephone : +90 232 237 59 49 (pbx) • **Fax**: +90 232 253 94 04