

by anandic

Q Series QTube™

Bilumen Design Advanced Breathing Circuit

Excellent for Low and Ultra Low Flow Anesthesia Administration



Tube

QTube™ - Bilumen Circuit

Single limb & double cavity design

- Strong yet portable, the risks of tube collapse, distortion and kinking are greatly diminished. Compact in size to free up work space for medical professionals.
- Reduced weight of up to 28% and 34% respectively compared to traditional 2 limbs and coaxial circuits, abbreviating users of unwanted drag and discomfort.
- Conforms to low and ultra low flow applications suitable from adults to pediatric users.
- Multipurpose circuit for different category users cuts down buffer stock in hospitals, material, medical waste and is environment friendly.
- QTube bilumen septum design increases crush strength and pull force.
- Having an ideal compliance, more targeted volume is inspired with each breath with minimal wastage.



Integrated CO₂ Gas Sampling Line

Bilumen Circuit - IGS

- Straightforward and more sensitive in comparison with sampling ports and elbow connector sampling ports.
- Maximum accuracy and efficiency in CO₂ sampling, especially on patients with feeble respiration, small children and infants.
- Fitted internally to prevent dirtying, pinching, occlusion and blockage.



QTube™ - Clinical Advantages



Corrugated Exterior Design
Prevents circuit collapse and occlusion during clinical operations



Integrated Gas Sampling Design
Enhances CO₂ sampling accuracy



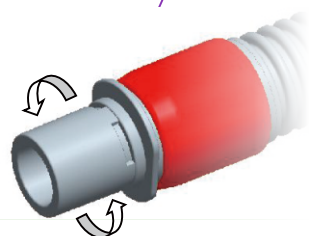
Mechanical Joint Design
Joint connectors meticulously constructed to withstand pull force over 120 newtons



Single Tube Bilumen Design
Thermally efficient transferring heat from expiratory to inspiratory lumen, preventing heat loss



Extendable Side Limb
Applicable on all anesthesia machines with 40cm limb



Swivel Patient-End
Reduces torque on airway and maximizes comfort and safety of users



Smooth Septum Design
Boosts internal flow while minimizing breathing resistance and circuit compliance



QGuard Antimicrobial Technology
Clinically tested for use up to 168 hours against bacterial build up of 50 different common species

Design Breakthrough!

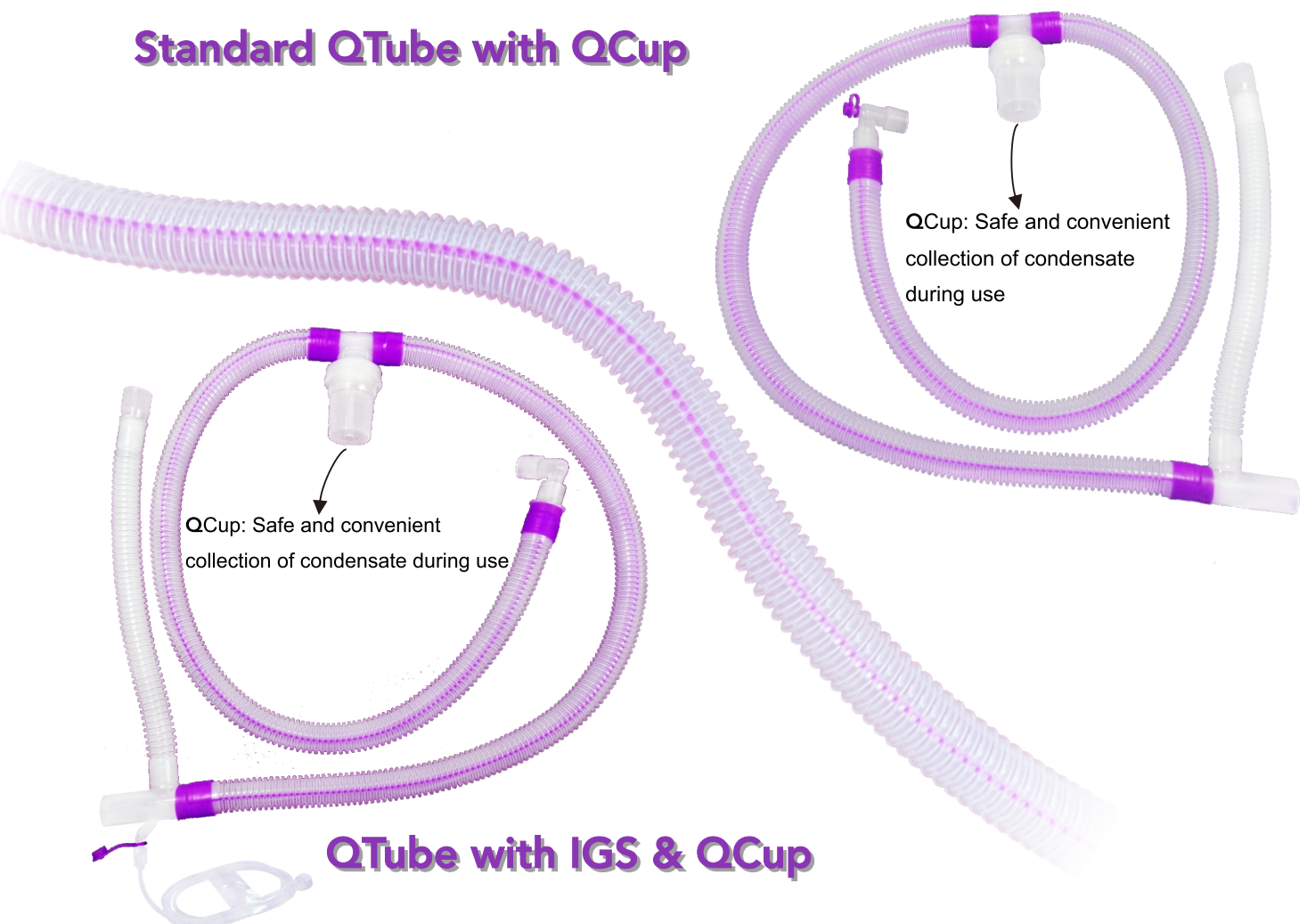
Addition of water collection cup for use in respiratory circuits

Ventilators and breathing circuits are critical in the event of medical emergencies to assist in patient breathing. During this process, condensate forms within circuits affecting transportation of oxygen. Patients can be endangered by possible suffocation if there is a reflux of condensate into the respiratory lumen.

The development of water collection cups eliminates technical issues pertaining patients threatened by this condensate.

- **QTube with QCup** ----- Cutting-edge design in this patented bilumen structured circuit;
- **QCup with connectors** are uniquely and scientifically designed to fit perfectly onto QTube, allowing effective drainage of condensate and extended usage;
- To ensure patient safety and maintain operational procedures, **QCup with connectors** have been specifically developed to be airtight even during the process of emptying condensate;
- With the introduction of **QCup**, QTube is multi-functional and perfect for the respiratory, anesthesia, ICU and outdoor emergency rescue environment;

Standard QTube with QCup



QTube - QGuard Series

Added silver ions to fight bacteria and cross contamination



QGuard Introduction

With constant flow of people, clinical facilities worldwide are prone to high levels of bacteria and are constantly battling the risk of cross contamination. QGuard becomes an integral part giving safe and effective anti-microbial protection.

QGuard Protection




Incorporating silver ion technology, QGuard has been developed to safely and effectively curb the growth and escalation of bacteria.

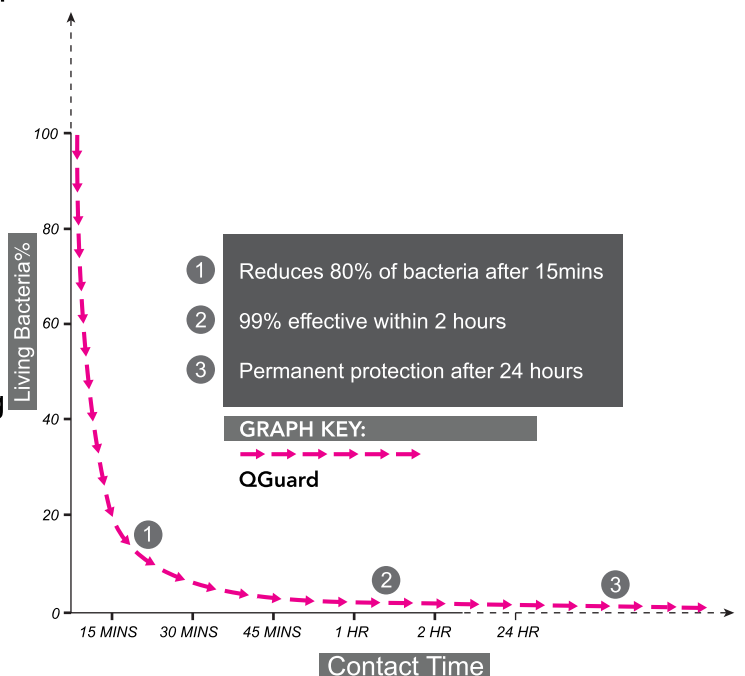
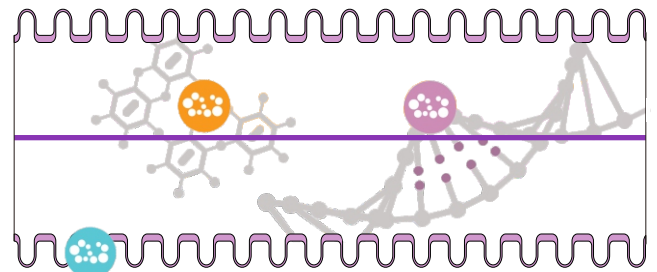
QGuard 3-stage mode of action does not allow bacteria cells to develop resistance, making this technology future proof and also highly effective against antibiotic resistant species such as MRSA and E.Coli.

QGuard has been proven to see 99.9% bacterial protection for up to 168 hours based on independent clinical tests using ISO22196:2011 standards.

How does QGuard stop bacteria growing?

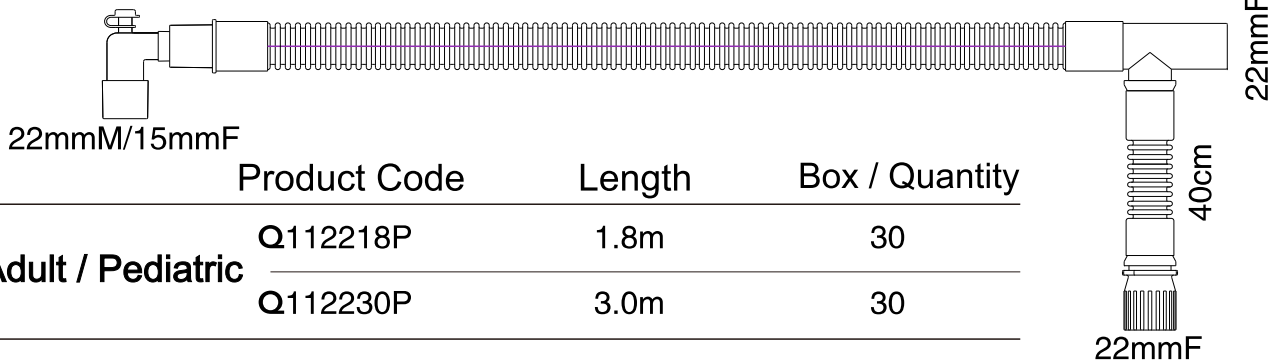
QGuard has 3 different modes of action:

-  Silver ions bind to cell surfaces, disrupting cell walls and preventing cell growth
-  Silver ions are attracted to thiol groups in cell enzymes, inhibiting bacterium producing energy
-  Silver ions interrupt cell DNA, impeding DNA replication and new cell formation



Standard QTube Series

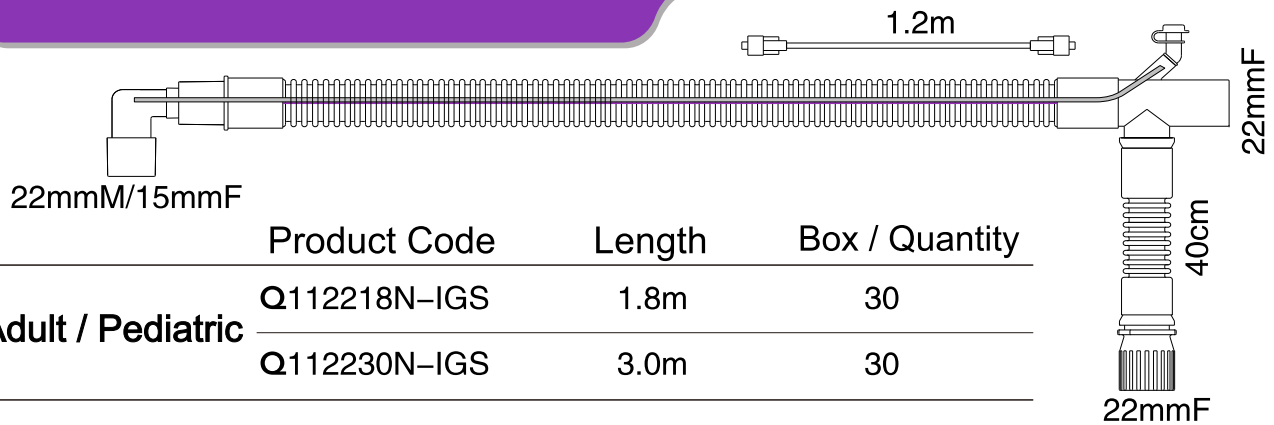
Single tube dual passage suitable for adults and pediatric



	Product Code	Length	Box / Quantity
Adult / Pediatric	Q112218P	1.8m	30
	Q112230P	3.0m	30

QTube with IGS Series

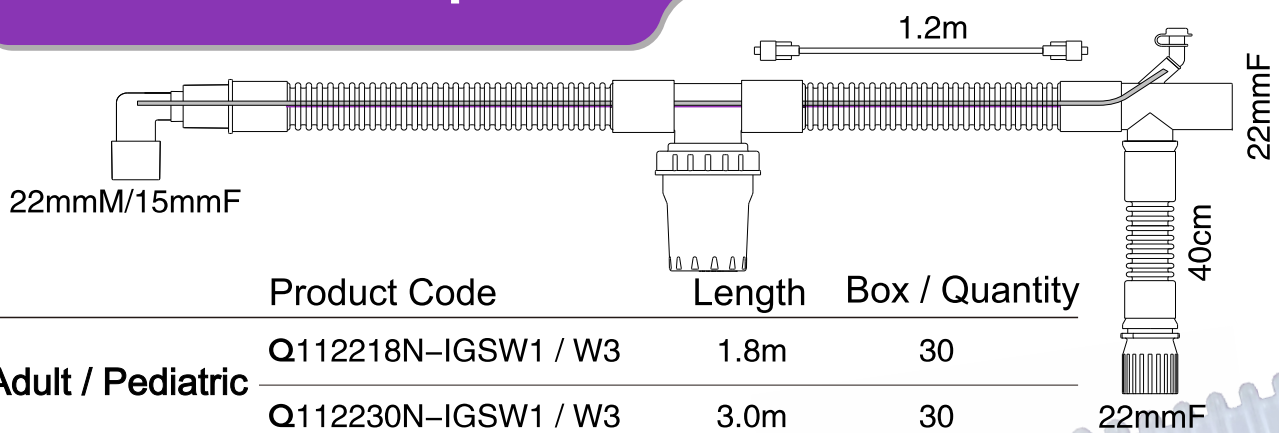
Accurate sampling, increased performance



	Product Code	Length	Box / Quantity
Adult / Pediatric	Q112218N-IGS	1.8m	30
	Q112230N-IGS	3.0m	30

QTube with QCup Series

Safe and scientific condensate collection



	Product Code	Length	Box / Quantity
Adult / Pediatric	Q112218N-IGSW1 / W3	1.8m	30
	Q112230N-IGSW1 / W3	3.0m	30

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