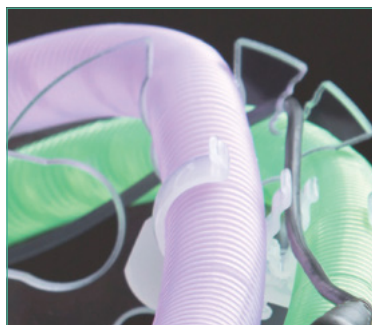




# Silver Knight™ anti-microbial breathing systems

Helping in the fight against Hospital Acquired Infections



**Critical Care** ▪ Critical Care Breathing Systems

# Silver Knight™ anti-microbial breathing systems

## Helping in the fight against Hospital Acquired Infections

### Protect with Silver Knight

In the continued fight against Hospital Acquired Infections, Intersurgical has developed the Silver Knight range of systems with an anti-microbial additive to further enhance patient safety. This anti-microbial, silver-based ion additive has been introduced to a range of breathing systems for both anaesthesia and intensive care use. Testing to ISO Standard 22196 shows a reduction in bacterial viable count by 99.9% against controls.<sup>1</sup>

### How does it work?

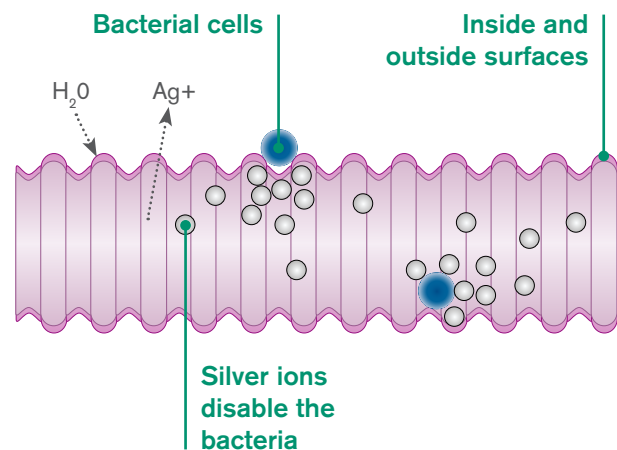
Silver Knight is an anti-microbial additive that uses silver ions to disrupt the normal enzymatic activities of bacteria. It functions as a safe, quick and effective catalyst to deactivate pathogenic bacteria and prevent their proliferation.

This technology allows the ions to be released in small quantities over time to reduce microbial growth within, and on, the surface of the breathing systems.

Silver Knight breathing systems are all validated for up to seven days use, and remain active, in unopened packaging, for up to five years.

Silver Knight is proven<sup>1</sup> to help reduce the incidence of MRSA infection and other organisms including *Staphylococcus epidermis*, *Pseudomonas aeruginosa*, *Klebsiella pneumoniae*, *Acinetobacter calcoaceticus* and *Escherichia coli*.

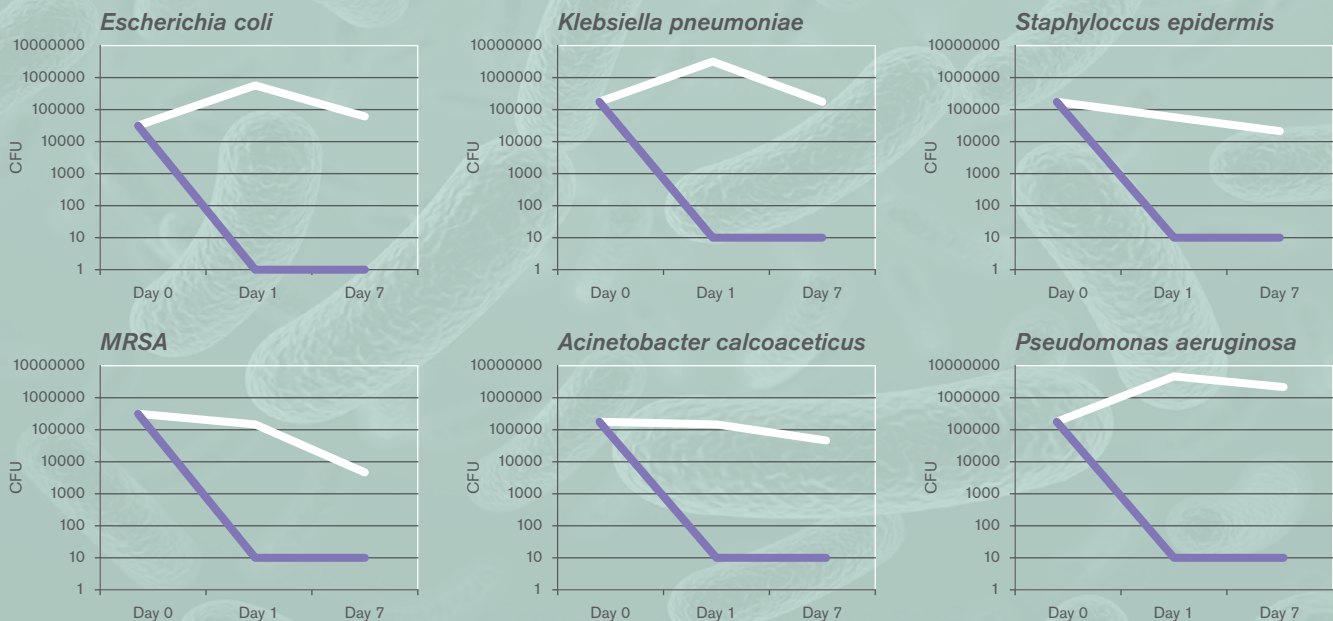
Video available at [www.intersurgical.com](http://www.intersurgical.com)



### Comparison

Silver Knight Tube versus standard tube with no anti-microbial for a range of micro-organisms.

Standard tube with no anti-microbial  
Silver Knight tube

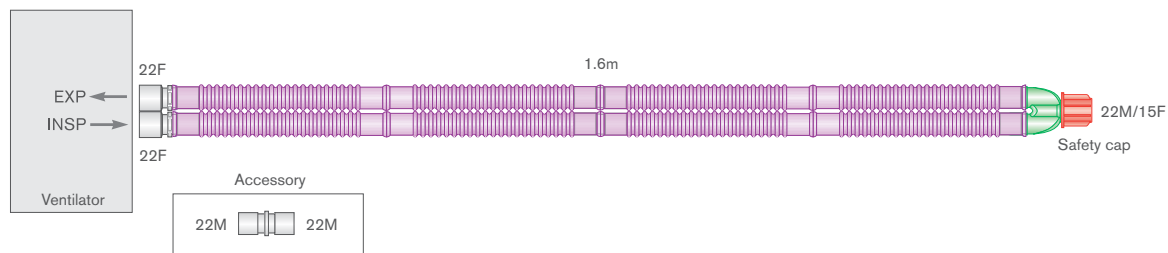


The addition of Silver Ion anti-microbial additive to Intersurgical breathing system tubing greatly reduces the viable microbial count level over time.

The tubing has demonstrated a long lasting anti-microbial affect against a broad range of micro-organisms responsible for Hospital Acquired Infections.

References: 1. Intersurgical Ltd. Certified Independent Test Results, 2003.

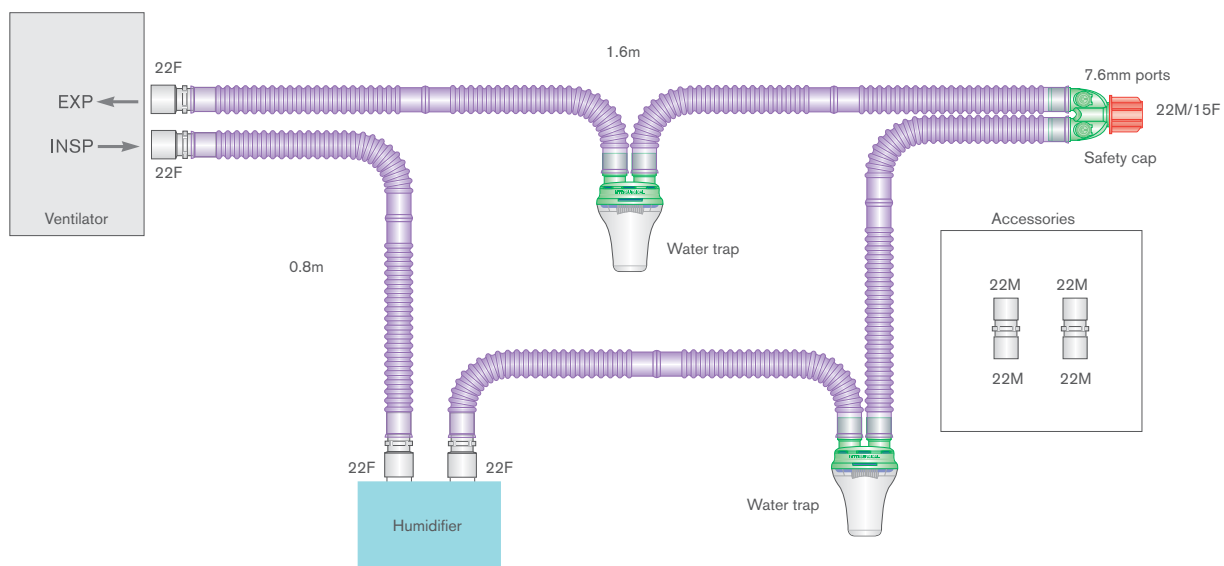
## Flextube™ breathing systems for passive humidification



system illustrated

Code	Description	Box Qty.
2000100	22mm Silver Knight™ anti-microbial Flextube breathing system, 1.6m	20
2001100	22mm Silver Knight anti-microbial Flextube breathing system, 2.4m	15

## Flextube breathing system for active humidification with self-sealing water trap

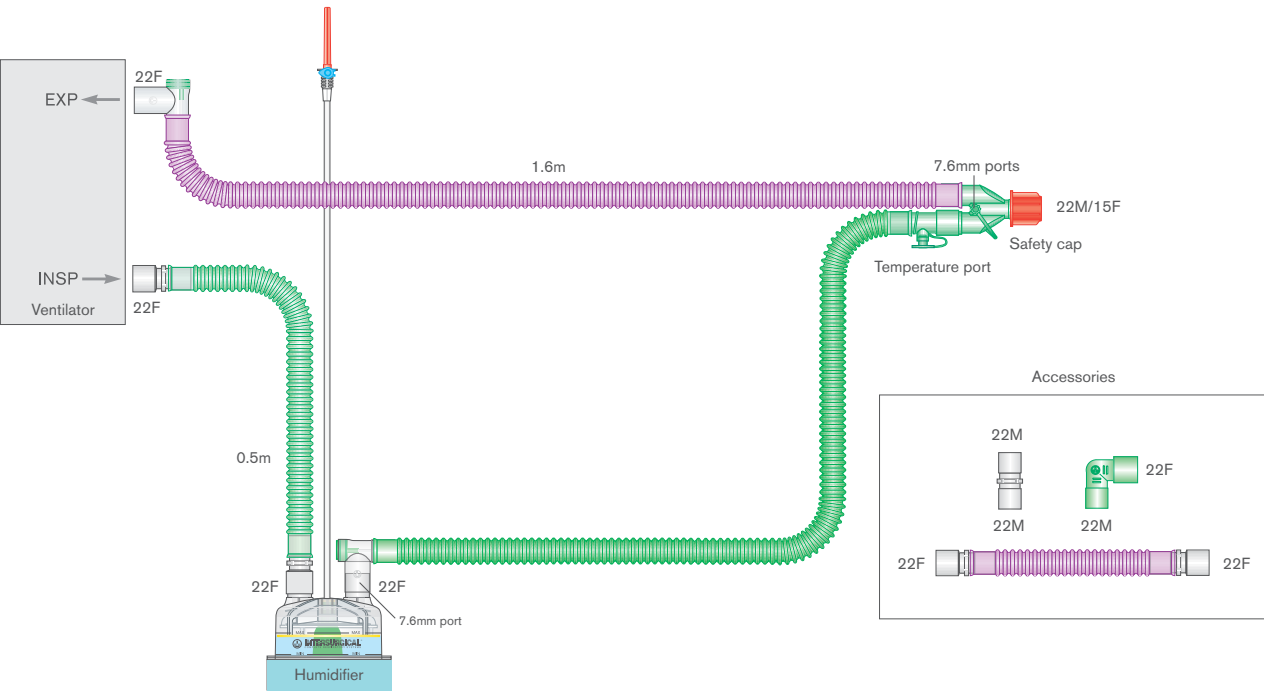


system illustrated

Code	Description	Box Qty.
2009100	22mm Silver Knight anti-microbial Flextube breathing system with water traps, ported Y-piece and 0.8m limb, 1.6m	15



Flextube™ breathing systems for active humidification with heated wire



👁 system illustrated

Code	Description	Box Qty.
2026100	22mm Silver Knight™ anti-microbial Flextube dual heated wire breathing system with 0.5m limb, 1.6m	10
👁 2026131	22mm Silver Knight anti-microbial Flextube dual heated wire breathing system with auto fill chamber and 0.5m limb, 1.6m	7
2025100	22mm Silver Knight anti-microbial Flextube single heated wire breathing system with water trap and 0.5m limb, 1.6m	10
2025131	22mm Silver Knight anti-microbial Flextube single heated wire breathing system with water trap, auto fill chamber and 0.5m limb, 1.6m	7

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Intersurgical Benelux B.V. Vluchtoord 28, 5406 XP, Uden, Nederland  
T: +31 (0)413 243 860 F: +31 (0)413 243 869 info@intersurgical.nl www.intersurgical.nl

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