



FloShield™
Innovation of the Year
2013

 **FloShield™**
Superior Laparoscopic Vision

The FloShield™ Difference

The only comprehensive all-in-one solution for maintaining laparoscopic visual clarity.

FloShield delivers a consistent, clear image during surgery while virtually eliminating the need to remove the scope for cleaning.



The FloShield continuous vision system, available for both traditional and robotic assisted laparoscopic surgery, is built around two cutting edge technologies:

Vortex Barrier Technology™

Defogs the Lens In Situ

Vortex Barrier Technology (VBT) provides a continuous flow of dry CO₂ gas over the tip of the scope, keeping the lens consistently clear of condensation and fog... Without removing the scope from the surgical site.

Creates a CO₂ Barrier

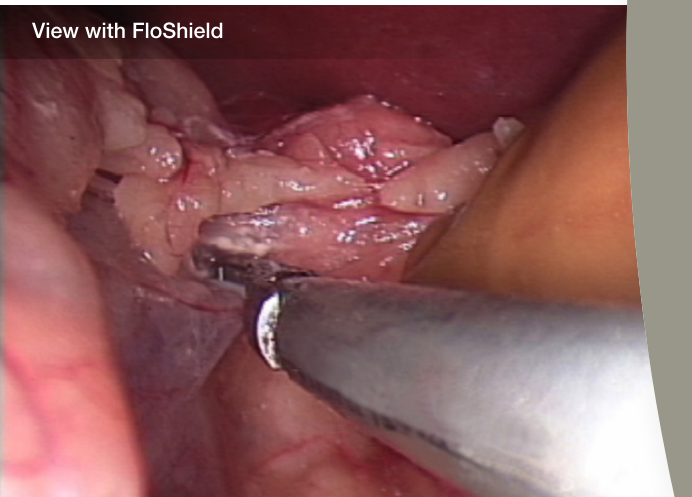
The FloShield sheath directs CO₂ from the surgical insufflator to the tip of the laparoscope, creating a barrier of dry gas over the lens that shields it from condensation, debris and smoke.

Optimizes Surgical Line of Sight

VBT provides a consistent, optimized line of sight to pertinent structures throughout the entire procedure.



View without FloShield



View with FloShield

“Imagine driving down the road in a rainstorm without windshield wipers or a defogger... that’s what laparoscopic surgery was like. Until FloShield.”

- Dr. Wayne Poll, FloShield Inventor

www.floshield.com

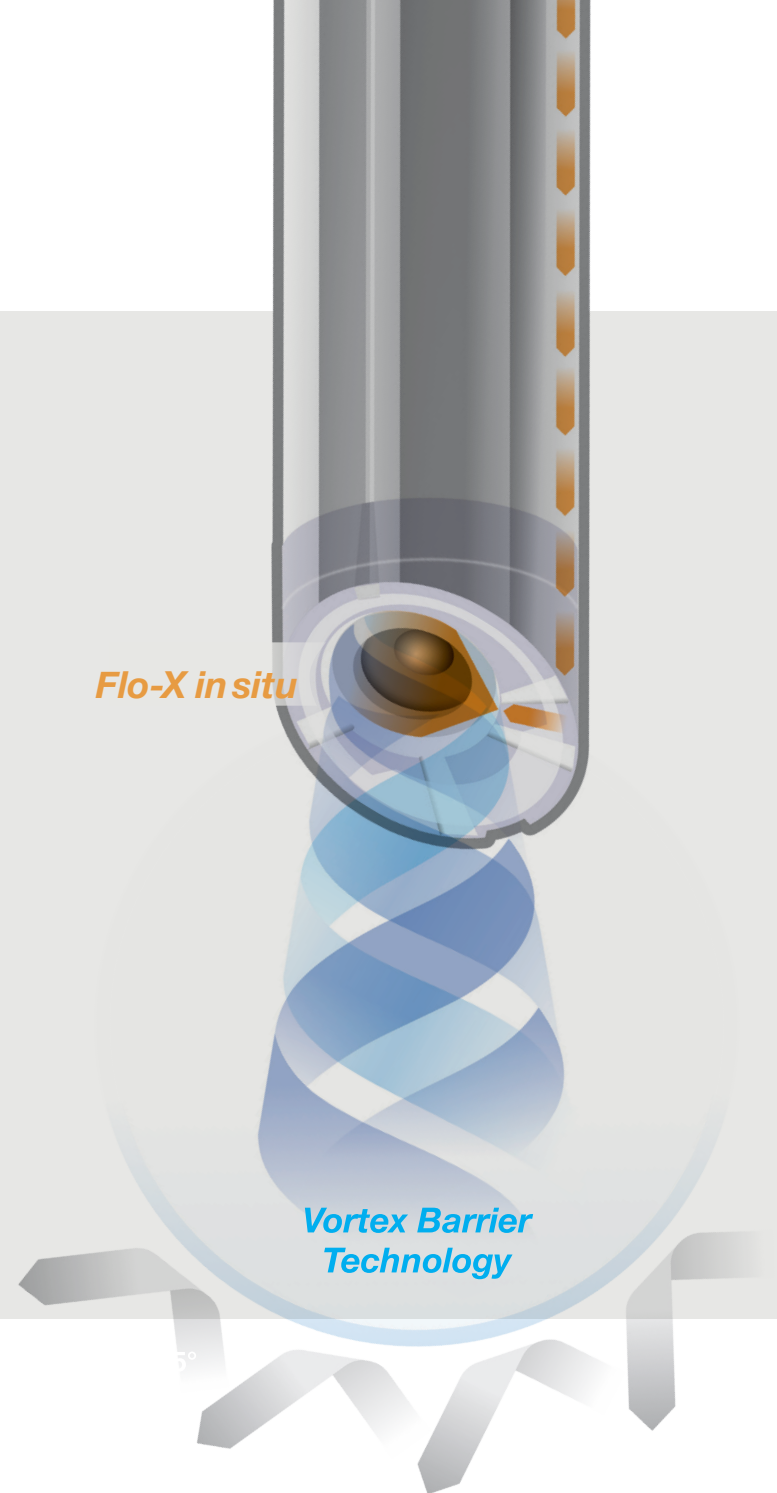
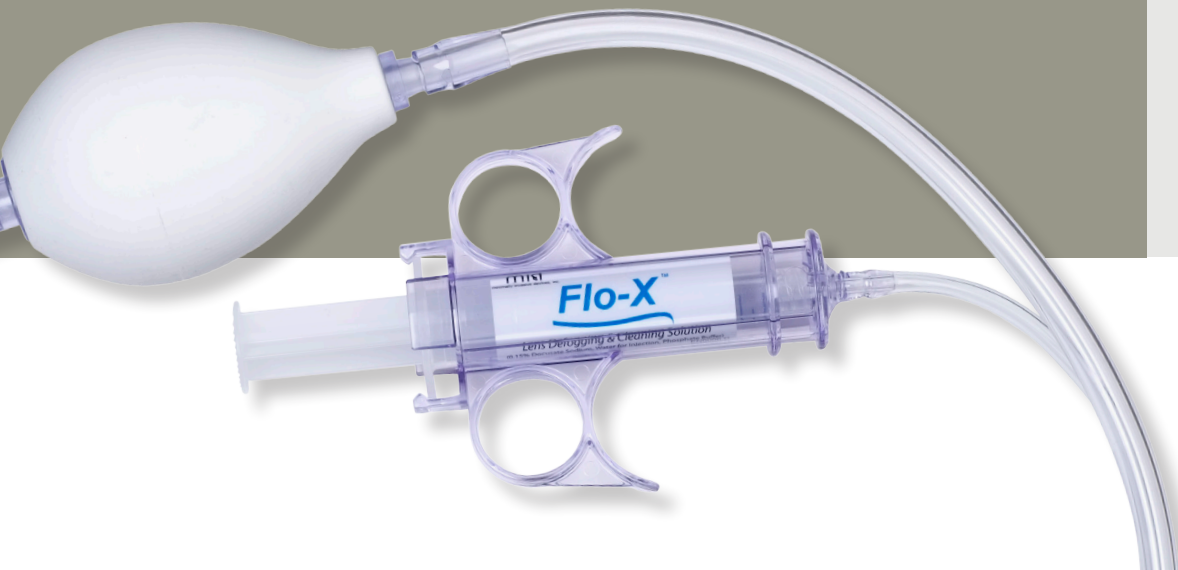
Flo-X™ *in situ*

Cleans the Lens Intra-Operatively

Flo-X in situ, the first biocompatible, alcohol free surfactant, flushes the lens without needing to remove it from the patient.

Flushes the Lens Instantly

Flo-X in situ provides time sensitive, controlled vision recovery after an abrupt loss of vision due to bleeding or rapid accumulation of debris.

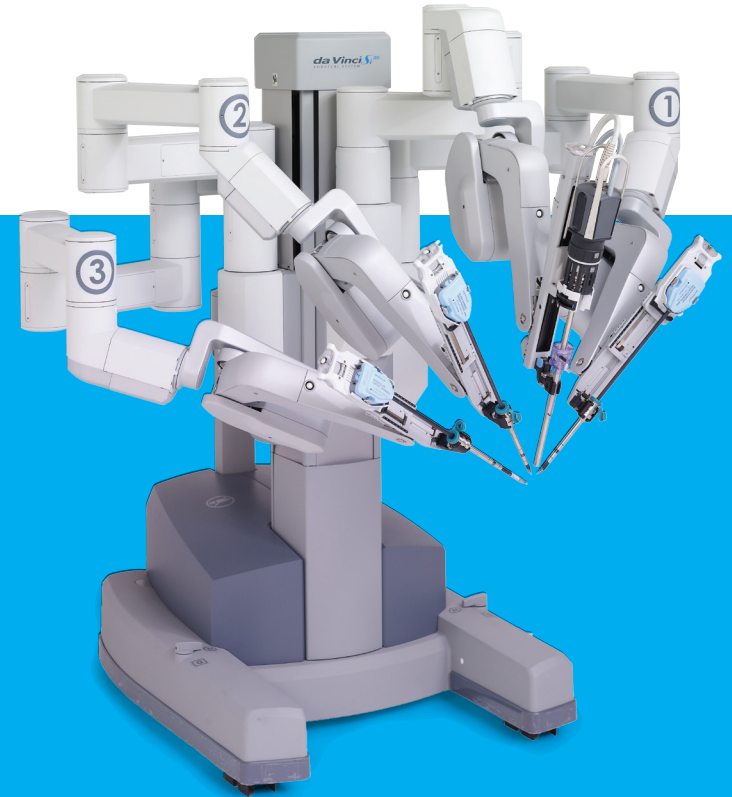




Traditional

Traditional FloShield fits over most 5mm or 10mm laparoscopes and accommodates 0°, 30° and 45° angled lenses.

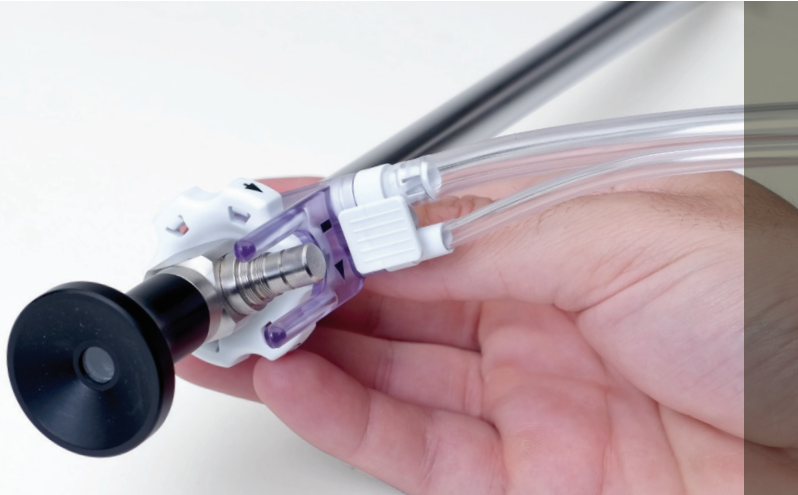
0°, 30° and 45°



Robotic

Robotic FloShield fits over the 8.5mm *da Vinci® Si HD™ Surgical System* laparoscope and accommodates 0° and 30° Down angled lenses.

0° and 30° Down



FloShield dramatically reduces the number of times the laparoscope must be removed for cleaning, minimizing surgical interruptions, saving O.R. time, and contributing to increased O.R. efficiency.

FloShield is the only product that prevents the scope from getting dirty, while eliminating other products that only de-fog and/or clean the lens after it gets dirty.

FloShield maintains the best possible image that an HD video system can deliver if the optics are kept consistently clean.

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minimally invasive devices **INC**

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