

Technical Information

Featuring an innovative optical design that incorporates high-precision cylindrical lenses and advanced coating technology, this system delivers exceptional image sharpness and true-to-life color performance. Its optically optimized architecture enhances resolution while ensuring accurate color reproduction, providing clearer and more realistic visual representation for clinical observation.

1.High-performance optical fibers are individually selected based on application requirements, ensuring superior light transmission efficiency. The integrated laser welding technology enables optimal alignment between the fiber end face and the endoscope's field of view, resulting in uniform and shadow-free illumination in the operational area.

2.The endoscope is constructed with high-quality, non-corrosive German stainless steel tubing and assembled using state-of-the-art laser welding technology, offering robust durability and significantly extending the product's service life.

3.The rear optical interface is protected with scratch-resistant sapphire glass, and both the front and rear ends are hermetically welded to guarantee absolute sealing of the optical system.

4.All endoscopes and components undergo rigorous hermeticity testing verified through an internally developed helium-based leak detection procedure.

5.They support full autoclaving at 134°C / 273°F for up to 500 cycles.

6.Compliant with ISO 13485 standards.

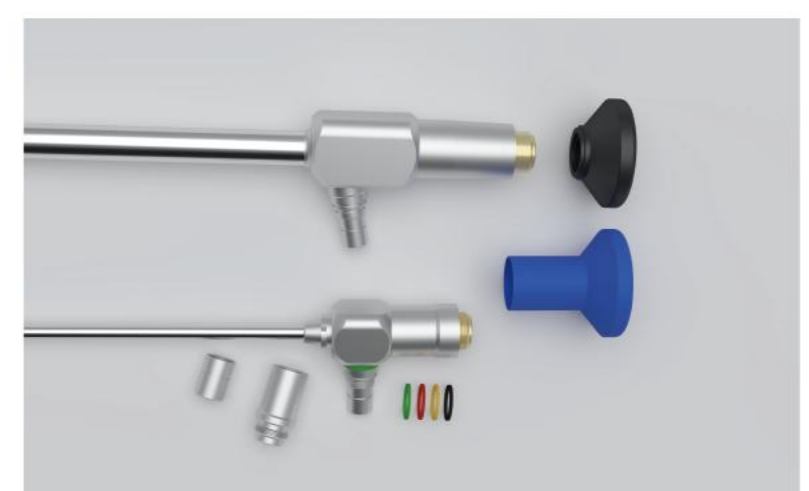
OEM Customization



Customize Your Exclusive Logo




Customized Protective Sleeve Designed Exclusively for You




Customized Eye Mask Tailored to Your Needs

Cystoscope 2.9mm HD **Autoclavable**


Description 	Length	Field of view	Model
HD Cystoscope 2.9mm 0°	302 mm	80°	P290WH
HD Cystoscope 2.9mm 12°	302 mm	80°	P291WH
HD Cystoscope 2.9mm 30°	302 mm	80°	P293WH

Cystoscope 4mm HD **Autoclavable**


Description 	Length	Field of view	Model
HD Cystoscope 4mm 0°	302 mm	68°	P400WH
HD Cystoscope 4mm 12°	302 mm	68°	P401WH
HD Cystoscope 4mm 30°	302 mm	68°	P403WH
HD Cystoscope 4mm 70°	302 mm	70°	P407WH

Available with NIR/ICG functionality

Cystoscope (Olympus Instr compatible) 2.9MM HD Autoclavable


Description 	Length	Field of view	Model
HD Cystoscope 2.9mm 0°	283 mm	80°	P290WHO
HD Cystoscope 2.9mm 12°	283 mm	80°	P291WHO
HD Cystoscope 2.9mm 30°	283mm	80°	P293WHO

Cystoscope (Olympus Instr compatible) 4MM HD Autoclavable


Description 	Length	Field of view	Model
HD Cystoscope 4mm 0°	283 mm	68°	P400WHO
HD Cystoscope 4mm 12°	283 mm	68°	P401WHO
HD Cystoscope 4mm 30°	283 mm	68°	P403WHO
HD Cystoscope 4mm 70°	283 mm	68°	P407WHO

Available with NIR/ICG functionality

Hysteroscope 2.9mm HD **Autoclavable**

Description 	Length	Field of view	Model
HD Hysteroscope 2.9mm 0°	302 mm	80°	P290WH
HD Hysteroscope 2.9mm 12°	302 mm	80°	P291WH
HD Hysteroscope 2.9mm 30°	302 mm	80°	P293WH


Hysteroscope 4mm HD **Autoclavable**

Description 	Length	Field of view	Model
HD Hysteroscope 4mm 0°	302 mm	68°	P400WH
HD Hysteroscope 4mm 12°	302 mm	68°	P401WH
HD Hysteroscope 4mm 30°	302 mm	68°	P403WH
HD Hysteroscope 4mm 70°	302 mm	70°	P407WH

Available with **NIR/ICG** functionality


Resectoscope 2.9mm HD

Autoclavable

Description 	Length	Field of view	Model
HD Resectoscope 2.9mm 0°	302 mm	80°	P290WH
HD Resectoscope 2.9mm 12°	302 mm	80°	P291WH
HD Resectoscope 2.9mm 30°	302 mm	80°	P293WH

Resectoscope 4mm HD

Autoclavable

Description 	Length	Field of view	Model
HD Resectoscope 4mm 0°	302 mm	68°	P400WH
HD Resectoscope 4mm 12°	302 mm	68°	P401WH
HD Resectoscope 4mm 30°	302 mm	68°	P403WH
HD Resectoscope 4mm 70°	302 mm	70°	P407WH

Available with NIR/ICG functionality