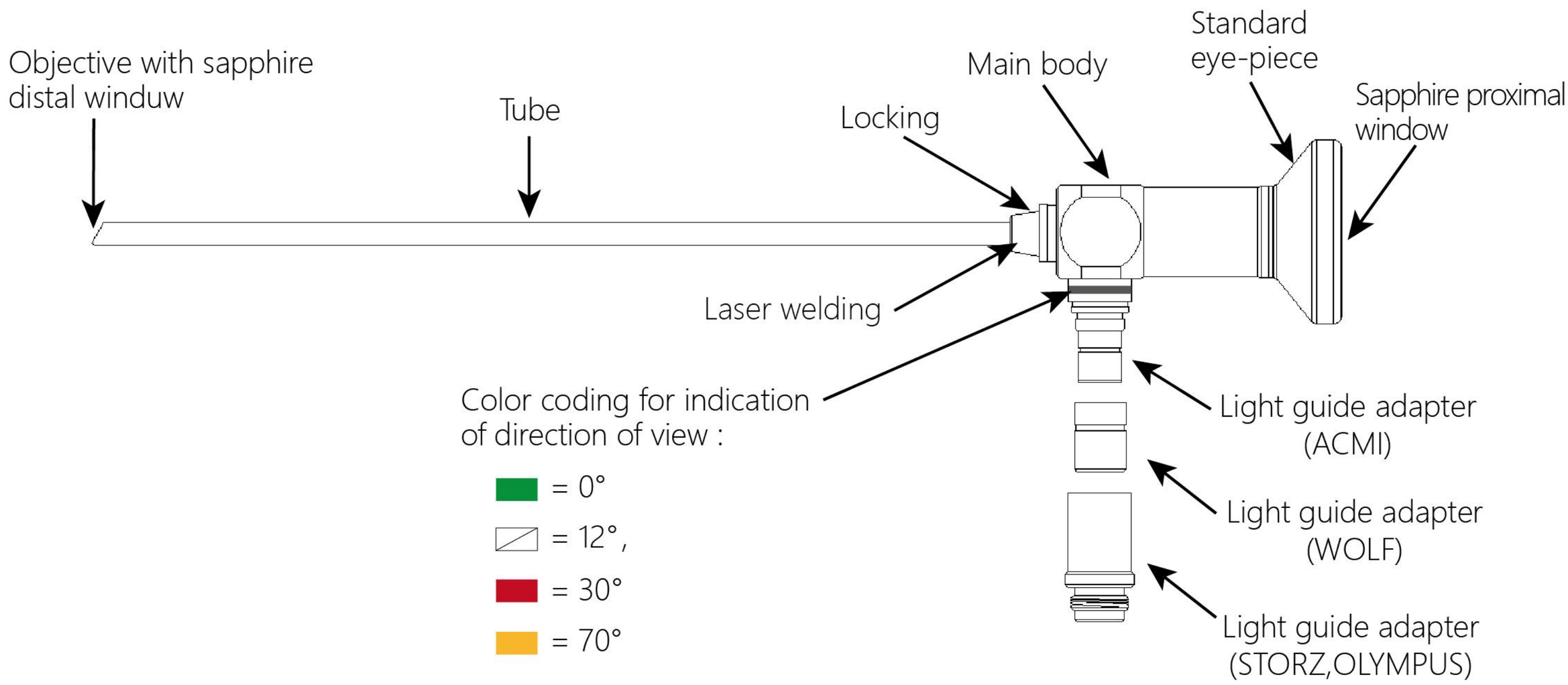
WS MEDTECH
ENDOSCOPIC




## 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.

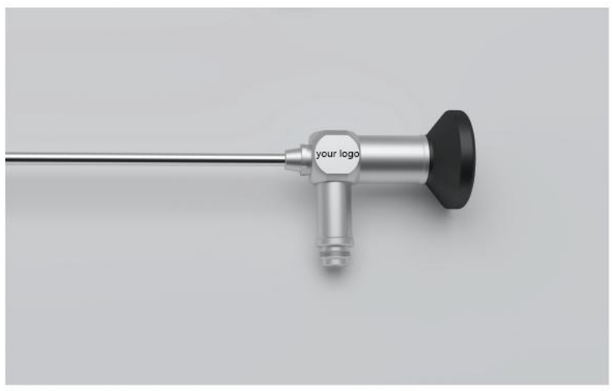
3.The rear optical interface is protected with scratch-resistant sapphire glass, and both the front and rear ends are hermetically welded to guarantee absolute sealing of the optical system.

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.**

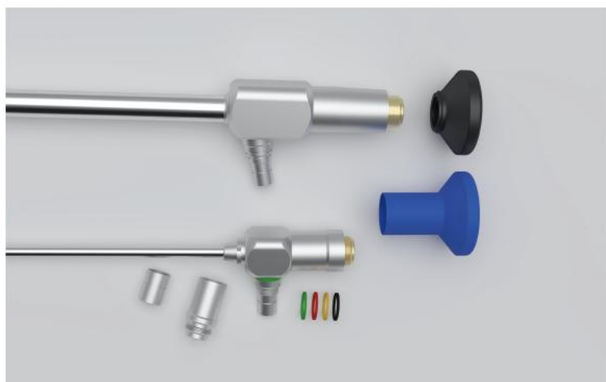
6.Compliant with ISO 13485 standards.

## OEM Customization




Customize Your Exclusive Logo

Customized Protective Sleeve Designed Exclusively for You



Customized Eye Mask Tailored to Your Needs

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## Arthroscope 2.9mm HD — Autoclavable

| Description | Length | Field of view | Model |
|---|---|---|---|
| HD Arthroscope 2.9mm 0° | 175 mm | 80° | G290WH |
| HD Arthroscope 2.9mm 30° | 175 mm | 80° | G293WH |

## Arthroscope 4mm HD — Autoclavable

| Description | Length | Field of view | Model |
|---|---|---|---|
| HD Arthroscope 4mm 0° | 175 mm | 90° | G400WH |
| HD Arthroscope 4mm 30° | 175 mm | 90° | G403WH |
| HD Arthroscope 4mm 70° | 175 mm | 90° | G407WH |