

OLYMPUS[®]



EXERA

EVIS EXERA BRONCHOVIDEOSCOPE
OLYMPUS **BF** TYPE **XT160**



*The World's First Video
Bronchoscope With A
3.2 mm Diameter Channel*

Extra-Wide 3.2 mm Channel Lets You Take Advantage Of A Wider Variety Of Endo-Therapy Accessories While Simultaneously Aspirating Fluids

With an extra-wide 3.2 mm channel that's the largest available in a video bronchoscope, the BF TYPE XT160 redefines the concept of video bronchoscopic treatment. No longer must you choose between treatment versatility and imaging performance. With its large channel design and an insertion tube diameter comparable to that of an equivalent fiberscope, the BF TYPE XT160 lets you perform the same procedures you would with a large-channel fiberscope, while taking advantage of the superior image quality made possible by our newly developed, high-resolution CCD.

Extra-Wide 3.2 mm Diameter Channel — The Largest Ever In A Videoscope

Thanks to Olympus's advanced CCD miniaturization technology, the BF-XT160 incorporates a large channel that measures 3.2 mm across while still maintaining a narrow outer diameter of only 6.3 mm — comparable to that of an equivalent fiberscope. This is the first time that such a wide channel has been possible in a videoscope of this size.



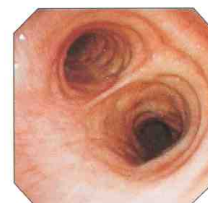
Powerful, Versatile Treatment And Suction Capability Expands The Potential Of Video Bronchoscopy

With the BF-XT160's extra-wide channel, the limitations that once restricted video bronchoscopy have been eliminated. Now you can insert and manipulate an Endo-Therapy accessory, while simultaneously aspirating fluids.



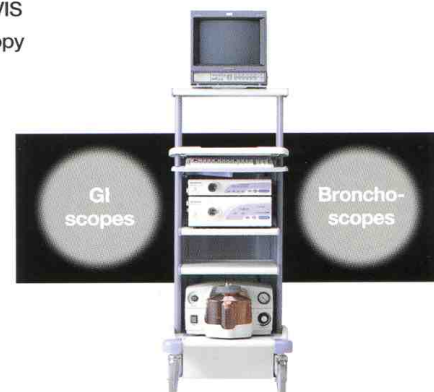
Newly Developed CCD Ensures Clearer Images

The BF-XT160 incorporates a newly developed high-resolution CCD that delivers the sharpest images ever. The true-to-life, crystal-clear video image quality helps ensure accurate and precise observation without the grainy texture associated with fiberoptic images.



Dual-Purpose Design Increases Endoscopy Suite Efficiency

Because the CV-160 Video System Center is designed to accommodate either bronchoscopic or gastrointestinal endoscopes, your EVIS EXERA System can now be used for both procedures. This video system is interchangeable with an EVIS EXERA Gastrointestinal Videoscope, allowing you to streamline your endoscopy suite and reduce overall costs.



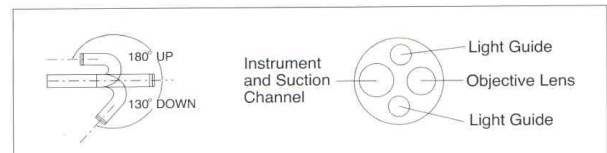
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Specifications

Optical System	Field of view Direction of view Depth of field	120° 0° (Forward viewing) 3 ~ 100 mm
Insertion Tube	Distal end outer diameter Insertion tube outer diameter Working length	6.2 mm 6.3 mm 600 mm
Instrument Channel	Channel inner diameter Minimum visible distance	3.2 mm 3 mm from distal end
Bending Section	Angulation range	UP 180°, DOWN 130°
High Frequency Compatibility		YES
Laser Compatibility		YAG, 810 nm diode
Total Length		870 mm



Efficient, Ergonomic Design Is Easy To Use And Maintain

Ergonomically Designed Control Section And Switch Layout

Designed to minimize operator fatigue and maximize efficiency, the control section is contoured to fit comfortably in the operator's left hand. Switch functions can be user-defined and all switches are arranged on the control section in a simple, easy-to-remember configuration that facilitates single-handed operation.



Reprocessing Capability For Reliability You Can Count On

To make the scope easier to wash and brush, and to optimize the effect of disinfectant immersion, the exterior is designed to minimize surface protrusions and indentations while the interior features a simplified, jointless channel configuration. For added convenience, all reprocessing accessories are either autoclavable or disposable.



Compatibility With Electrocautery For Added Versatility

Fully insulated to minimize any potential risk, this scope is compatible with electrocautery — an advanced treatment system that produces less smoke than laser treatment and is widely used for specialized surgery such as removal of elevated tumors in the bronchi.

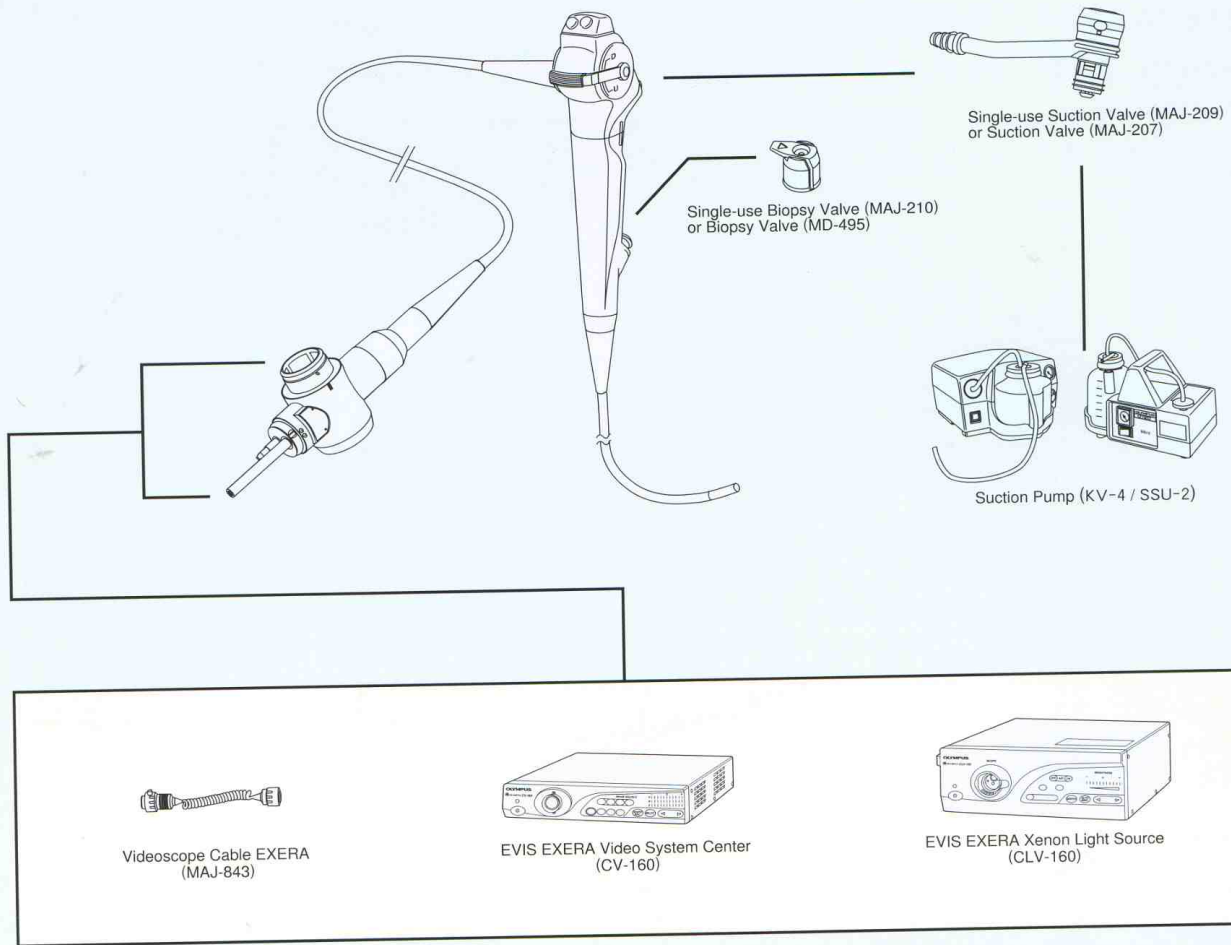


Standardized Accessories Can Be Used With All Scopes

The accessories are designed to the same specifications as those for Olympus's previous and current bronchovideoscopes and bronchofiberscopes. This makes it easy to use the same accessory with different scopes, reducing equipment costs and simplifying accessory management.



BF-XT160 Endoscopic Equipment Combinations



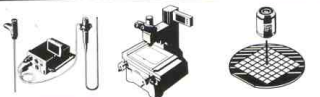
Olympus business areas



Medical and
health-care
area



Imaging and
information
area



Industrial
applications
area

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