

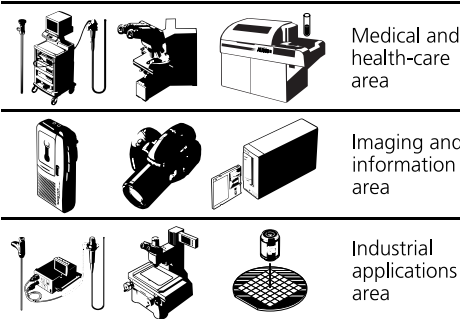
OLYMPUS[®]



EVIS EXERA Bronchovideoscope
OLYMPUS BF TYPE 160



Olympus business areas



OLYMPUS[®]
 FOCUS ON LIFE

<http://www.olympus.com>

OLYMPUS OPTICAL CO., LTD.
 San-Ei Building, 22-2, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo, Japan
OLYMPUS OPTICAL CO. (EUROPA) GMBH.
 Postfach 10 49 08, 20034 Hamburg / Wendenstrasse 14-16, 20097 Hamburg, Germany
OLYMPUS AMERICA INC.
 2 Corporate Center Drive, Melville, N.Y. 11747-3157, U.S.A.
OLYMPUS KEYMED
 Keymed House, Stock Road, Southend-on-Sea, Essex SS2 5QH, England
OLYMPUS SINGAPORE PTE LTD.
 491B River Valley Road #12-01/04 Valley Point Office Tower, Singapore 248373
OLYMPUS BEIJING REPRESENTATIVE OFFICE
 Rm. 818, South Tower, Beijing Kerry Centre, No.1 Guanghua Road, Chaoyang District, Beijing, 100020, China
OLYMPUS MOSCOW LIMITED LIABILITY COMPANY
 117071, Moscow, Malaya Kaluzhskaya 19, bld. 1, fl.2, Russia
OLYMPUS AUSTRALIA PTY. LTD.
 1/104 Ferntree Gully Road, Oakleigh, VIC 3166, Australia

Printed in Japan R264SB-0400



A 5.3mm Diameter Distal End, Newly Developed High-Resolution CCD, And Compatibility With The EVIS 100/140 Systems

With its slim 5.3mm diameter distal end, 2.0mm diameter channel, and newly developed high-resolution CCD, the Olympus BF TYPE 160 makes it easy to obtain the precision manipulation and detailed imaging you need for examination of the tracheobronchial tree. Equally well-suited for routine endoscopic applications, this versatile scope is fully compatible with the CV-160 as well as the CV-100/140, offering you a cost-effective solution to all your endoscopic requirements.

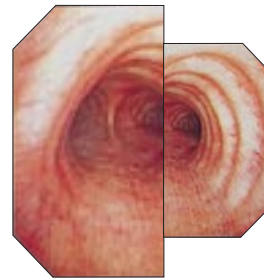
High-Quality, High-Resolution Images For Accurate Observation

The BF-160 incorporates a newly developed compact color-chip CCD in the scope tip capable of delivering the same level of high-resolution image quality as a gastrointestinal videoscope. Details are sharp and clear throughout the image area, assuring precise, and accurate observation.



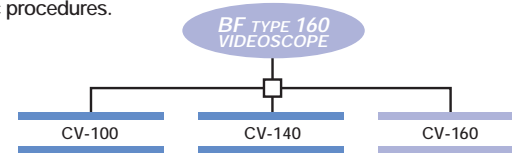
Larger Image Size For Easier Viewing

Monitoring the image while you work is much easier with the BF-160 thanks to its larger image display. Since this increased size does not come at the expense of image quality, you'll easily spot tiny details that you might otherwise have missed.



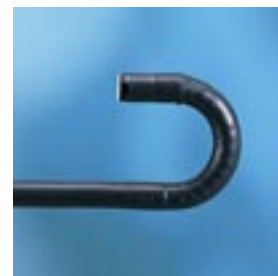
Backward Compatibility And Dual-Purpose Design For Optimal Cost-Efficiency

Fully compatible with our earlier CV-100 and CV-140 video system centers, the BF-160 can be easily integrated into the EVIS 100/140 systems used in GI endoscopy suite. On the other hand, if you're ready to upgrade and want to maximize the cost-efficiency of your endoscopy suite, you'll appreciate the versatility of the BF-160's dedicated video system — the CV-160. Designed to accommodate both bronchovideoscopes and gastrointestinal videoscopes, the CV-160 allows you to interchange the BF-160 with an EVIS EXERA Gastrointestinal Videoscope, enabling your EVIS EXERA System to be used for both bronchoscopic and gastrointestinal endoscopic procedures.



5.3mm Diameter Distal End Achieves Excellent Insertion Capability

Because the distal end's outer diameter measures only 5.3mm, insertion is smooth and easy — even when penetrating tight recesses of the tracheobronchial tree. At the same time, this narrower outer diameter also allows you to use the BF-160 for routine examination of the bronchi.

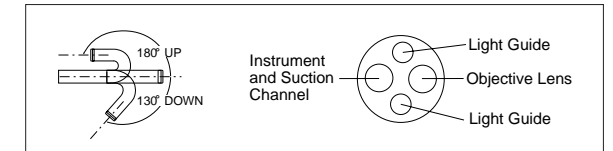


EVIS EXERA Bronchovideoscope OLYMPUS BF TYPE 160



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	5.3 mm 5.2 mm 600 mm
Instrument Channel	Channel inner diameter Minimum visible distance	2.0 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 and knobs are arranged on the control section in a simple, easy-to-remember configuration that facilitates single-handed operation.



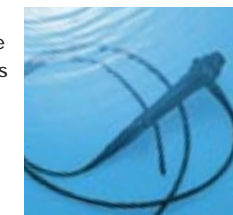
Compatibility With Electrocautery For Added Versatility

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.



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.



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.



EVIS EXERA
Bronchovideoscope
BF-160

