OLYMPUS®

Your Vision, Our Future

EVIS LUCERA

EVIS LUCERA GASTROINTESTINAL VIDEOSCOPE

OLYMPUS GIF TYPE H260Z

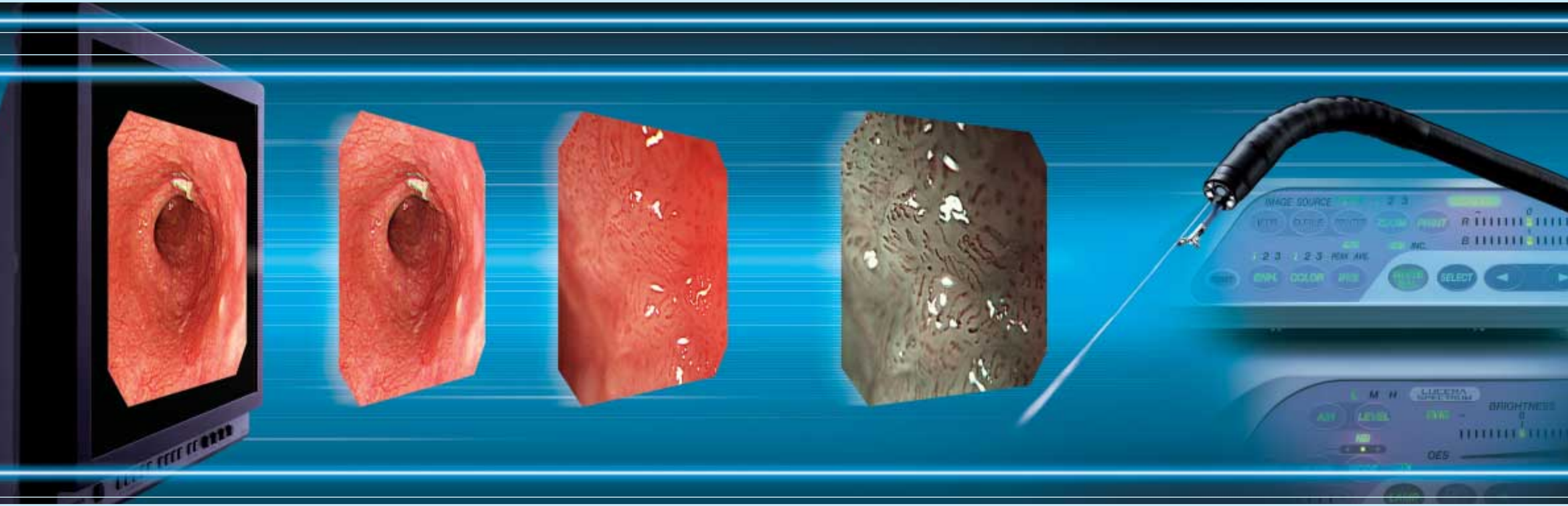
Distal end 10.8mm | Channel 2.8mm | CV Compatibility CV-260SL/ CV-260

With Optical Magnification, HDTV image quality, and Narrow Band Imaging capability, the GIF-H260Z sheds new light on upper gastrointestinal endoscopy

Trio of Advanced Functions

Incorporating an HDTV-compatible CCD and Optical Magnification mechanism, the GIF-H260Z captures the clearest, most detailed images ever of * the upper gastrointestinal tract. Combined with leading-edge Narrow Band Imaging capability, these advanced features are shedding new light on the world of upper gastrointestinal endoscopy. With the super-high-resolution image quality of HDTV and the state-of-the-art image enhancement technology of NBI, magnifying endoscopy is finally achieving its full potential.

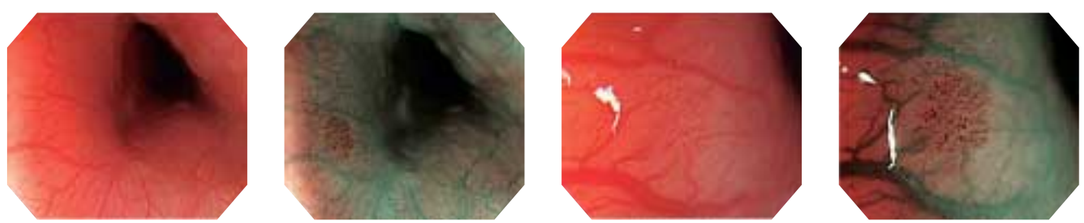
* Compared to coventional Olympus models.



Combination of HDTV, Optical Magnification, and NBI

Thanks to the combination of high-resolution, HDTV image quality, convenient Optical Magnification, and cutting-edge NBI capability, the GIF-H260Z is literally rewriting the standards for endoscopic observation. For a start, images can now be displayed with the breathtaking quality of HDTV, rendering even fine capillaries and mucosal tissue with extraordinary clarity and detail from edge to edge. But that's not all. With the Optical Magnification function, those super-high-quality images can be magnified at the touch of a button by up to 85X (on a 19-inch monitor with the HDTV System) or 80X (on an 18-inch monitor with the HDTV System) with absolutely no degradation of image quality. And when the EVIS LUCERA SPECTRUM's signature Narrow Band Imaging function is activated, capillaries and mucosal tissue can be emphasized in a similar way to chromoendoscopy. Now, thanks to the combination of these three powerful features HDTV, Optical Magnification, and NBI, it should be possible to detect lesions that would not otherwise have been found.

Observation images with the HDTV, Optical Magnification, and NBI



Normal light observation | NBI observation | 80X magnification observation | 80X magnification NBI observation

Auxiliary water jet to keep the view clear

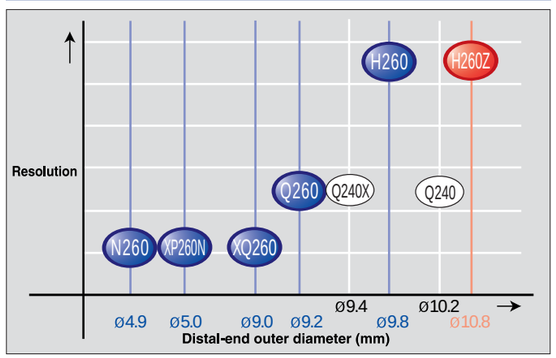
Even though the GIF-H260Z is equipped with today's most advanced imaging capabilities, those superb endoscopic images can be spoiled if the view is blocked by blood, mucus, or other debris. Thanks to a convenient auxiliary water jet function*, any annoying debris can be instantly washed away at the touch of a button on the scope or footswitch unit, ensuring the best possible endoscopic observation at all times.

* Available in combination with the optional OFP flushing pump.

Slim design for outstanding insertability

Despite the fact that it incorporates the Optical Magnification mechanism in its distal end, the GIF-H260Z's distal end and insertion tube are relatively slim, measuring 10.8 mm and 10.5 mm across respectively. The slim design ensures smooth insertion into the upper gastrointestinal tract .

Resolution-diameter coordinates



Main Features

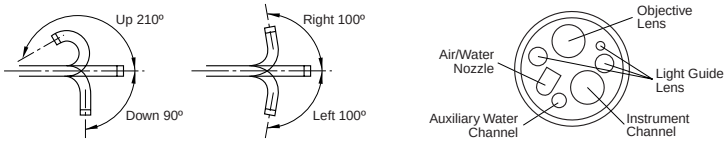
- High-resolution, HDTV* provides true-to-life images and precise reproduction of details.

  * Available only in combination with the HDTV System

- Exclusive new image enhancement function : Narrow Band Imaging, which is designed to help emphasize fine capillary patterns.
- Optical Magnification enlarges images at the touch of a button without sacrificing image quality.
- Auxiliary water jet removes blood and mucus at the touch of a button, ensuring a clear view at all times.
- Extra-wide 140º field of view enables observation of a wider area.
- Large instrument channel measures 2.8 mm across for compatibility with a wide range of instrumentation.
- Ergonomically designed grip enhances torque performance and scope maneuverability while easy-to-access control knobs improve operability.
- Compatible with the CV-260SL/CV-260.
- Scope ID function retains individual scope information in the memory chip and displays it on the monitor. Also stores settings such as Automatic White Balance to facilitate endoscopy suite management.

Specifications

Optical System	Field of view	Wide:140º,Tele:75º
	Direction of view	0º Forward viewing
	Depth of field	Wide:7 to 100 mm,Tele:1.5 to 3 mm
Distal End	Outer diameter	10.8 mm
Insertion Tube	Outer diameter	10.5 mm
Bending Section	Angulation range	Up 210º, Down 90º, Right 100º, Left 100º
Working Length		1030 mm
Total Length		1350 mm
Instrument Channel	Inner diameter	2.8 mm
	Minimum visible distance	4 mm from distal end (at wide angle)
	Endo-Therapy accessory entrance/exit position in field of view	
Auxiliary Water Jet Channel		YES
	Water jet entry position in field of view	
Laser Compatibility		YAG, 810 nm diode
High-Frequency Compatibility		YES
Scope ID Function		YES



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Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.

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