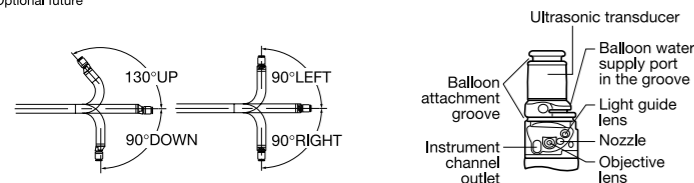


■ Specifications

Endoscopic Functions	Optical System	Field of View	100°
		Direction of View	55° Forward-Oblique
		Depth of Field	3 to 100 mm
	Insertion Tube	Distal End Outer Diameter	φ 13.8 mm
		Insertion Tube Outer Diameter	φ 11.8 mm
		Working Length	1250 mm
	Instrument Channel	Channel Inner Diameter	φ 2.2 mm
		Minimum Visible Distance	3mm
		Direction from Which Endo-Therapy Accessories Enter and Exit the Endoscopic Image	
		Bending Range	Angulation Range
Total Length	1555mm		
Lens Cleaning Function	Available		
Ultrasonic Functions	Display Mode	B-mode, M-mode, D-mode, Flow-mode, Powerflow-mode	
	Scanning Method	Electronic Radial Array	
	Scanning Direction	Perpendicular to Insertion Direction	
	Frequency	5/6/7.5/10 MHz	
	Tissue Harmonic Echo *	3.75S/3.75P/5.0R/5.0H	
	Focusing Point	A maximum of 4 focusing points are available.(between F1 and F16)	
	Scanning Range	360°	
	Contacting Method	Balloon Method Sterile De-aerated Water Immersion Method	
	Image Rotation	Available	



\* Optional future



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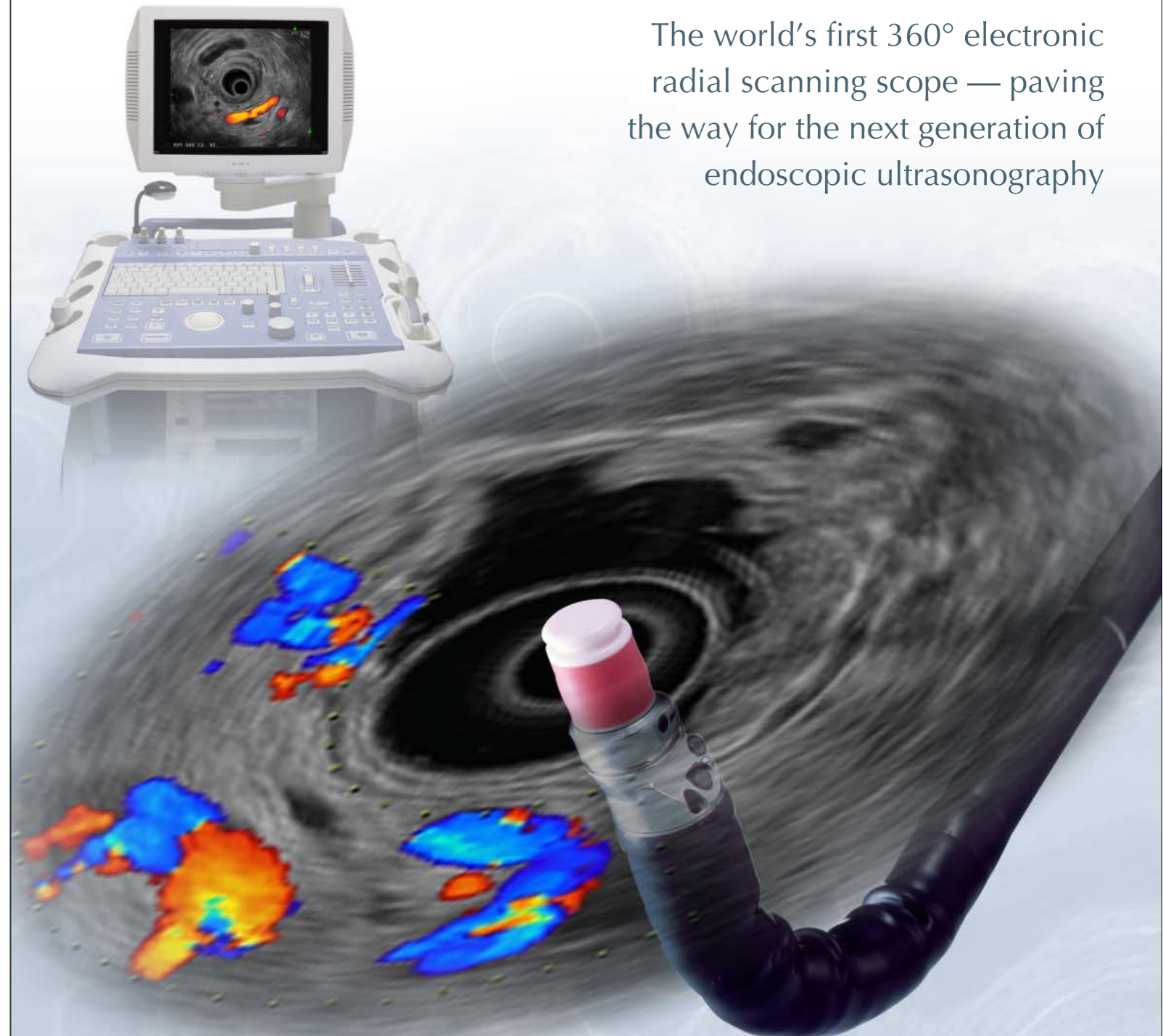
Your Vision, Our Future

**EUS**  
ENDOSCOPIC ULTRASOUND SYSTEM

ULTRASONIC GASTROVIDEOSCOPE

OLYMPUS **GF** TYPE **UE160-AL5**

The world's first 360° electronic radial scanning scope — paving the way for the next generation of endoscopic ultrasonography



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

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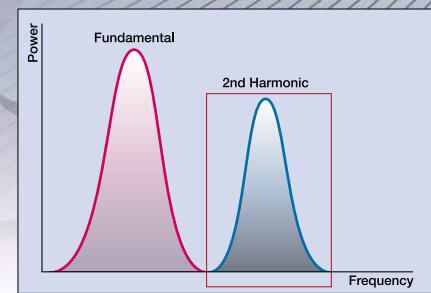
**OLYMPUS MEDICAL SYSTEMS CORP.**  
Shinjuku Monolith, 3-1 Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0914, Japan  
**OLYMPUS EUROPA GMBH**  
Postfach 10 49 08, 20034 Hamburg / Wendenstrasse 14-18, 20097 Hamburg, Germany  
**OLYMPUS AMERICA INC.**  
2 Corporate Center Drive, Melville, N.Y. 11747-3157, U.S.A.  
**OLYMPUS LATIN AMERICA, INC.**  
6100 Blue Lagoon Drive, Suite 390 Miami, Florida 33126-2087, U.S.A  
**KEYMED LTD.**  
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 HONG KONG AND CHINA LIMITED**  
Room 1520-1527, Ocean Centre, 5 Canton Road, Tsimshatsui, Kowloon, Hong Kong  
**OLYMPUS (BEIJING) SALES & SERVICE CO., LTD.**  
Room 1401, East Tower, Gong Yuan No.6 Royal Palace, No.6 Gong Yuan Xie, JianGuoMenNei, DongCheng District, Beijing, 100005, China  
**OLYMPUS MOSCOW LIMITED LIABILITY COMPANY**  
117071, Moscow, Malaya Kaluzhskaya 19, bld. 1, fl.2, Russia  
**OLYMPUS AUSTRALIA PTY LTD**  
31 Gilby Road, Mount Waverley, VIC., 3149, Australia

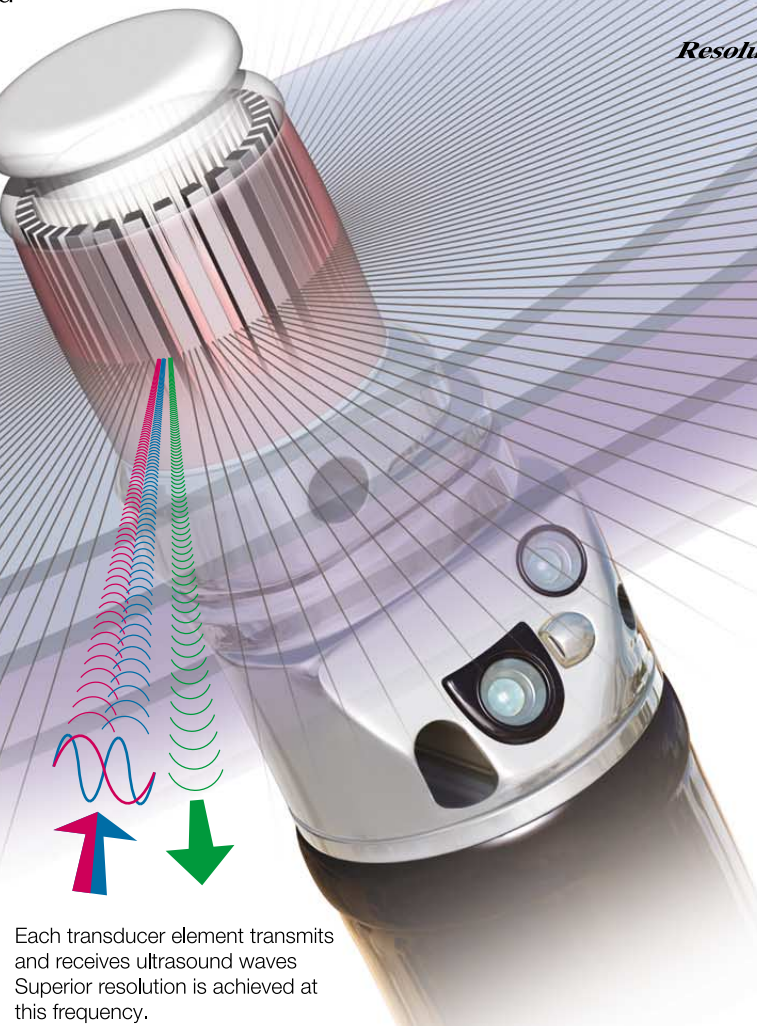
www.olympus.com

# Superb Ultrasound Image Quality And Exceptional Scope Maneuverability

Expanding the potential of EUS, this breakthrough system combines exceptional scope capability and maneuverability with superb ultrasound image quality and advanced ultrasound functionality, enabling confirmation of blood flow conditions for easier orientation in the pancreatobiliary region and providing improved ultrasound image quality for enhanced diagnostic capability



Tissue Harmonic Echo (THE) is a technique that detects only the 2nd harmonic for imaging, enabling you to view a noise-free image with improved spatial and contrast resolution.



Each transducer element transmits and receives ultrasound waves. Superior resolution is achieved at this frequency.

## ULTRASONIC GASTROVIDEOSCOPE

### OLYMPUS GF TYPE UE160-AL5

Unprecedented scope maneuverability and high-quality imaging capability with a convenient lens cleaning function

#### Features/Benefits

- Easier orientation in the pancreatobiliary region with 360° electronic radial scanning and image rotation capability
- High-quality ultrasound images with 4 selectable frequencies
- Superb scope maneuverability, made possible by a wide angulation range (130° up, 90° down/right/left), to facilitate the approach to the duodenal bulb
- Tissue Harmonic Echo (THE) for improved spatial and contrast resolution
- Color and Power Doppler for effective confirmation of blood flow
- Lens cleaning function to keep the endoscopic field of view clear at all times

4-step frequency selection for near-field and far-field observation. This frequency range is excellent for penetrating deep tissue.



#### Sample Imaging Results

Early gastric carcinoma (type IIc)



Chronic cholecystitis with Gall bladder stone



#### Aloka Diagnostic Ultrasound Systems

### ProSound SSD-α5/SSD-5000/SSD-5500

Delivering premium imaging performance, superior functionality and proven reliability

Aloka's ProSound technology is widely recognized for its ability to provide optimum ultrasound imaging performance, making it ideal for EUS. When combined with Olympus's GF-UE160-AL5 scope, the result is an EUS platform that delivers accurate, comprehensive imaging. Using a variety of state-of-the-art technologies such as THE, Aloka's ProSound system offers unparalleled views of internal structures.

#### Features

- Preeminent Imaging Performance
- Tissue Harmonic Echo (THE)
- Quad-Frequency Imaging (4-Step Multi-Frequency Imaging)
- Dual Dynamic Display (DDD)
- Storage & Networking
- DICOM Network