# Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>GF Type UE160-AL5</td>
</tr>
<tr>
<td>Display Screen</td>
<td>Four different 3 types</td>
</tr>
<tr>
<td>Software</td>
<td>New Software and Easy Operation</td>
</tr>
<tr>
<td>Ultrasound Function</td>
<td>Various Functions</td>
</tr>
<tr>
<td>Endoscopic Function</td>
<td>Various Functions</td>
</tr>
</tbody>
</table>

## Ultrasound Function
- Frequency: 500 kHz
- Sector Scanning
- Color Doppler
- 3D Imaging

## Endoscopic Function
- Video Quality: High Definition
- Endoscopic Guidance
- Biopsy and Injection

## Specifications
- Optical System: ER
- Core of Wire: 280 μm
- Insertion Tube: 1.9 mm
- Working Length: 160 cm
-渠道 Reference: 1.9 mm
- Channel Reference: No Reference
- Catheter Reference: No Reference
- Membrane Reference: No Reference
- Membrane Reference: No Reference
- Membrane Reference: No Reference

## Features
- New Software and Easy Operation
- Various Functions
- High Definition Video Quality
- Endoscopic Guidance

## Future
- Paving the way for the next generation of endoscopic ultrasonography

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OLYMPUS MEDICAL SYSTEMS CORP.
OLYMPUS EUROPE GmbH
OLYMPUS AMERICA INC.
OLYMPUS SINGAPORE PTE LTD.
OLYMPUS HONG KONG AND CHINA LIMITED
OLYMPUS ISLENG SALES & SERVICE CO., LTD.
OLYMPUS MÉXICO S.A. DE C.V.
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OLYMPUS MOSCOW LIMITED LIABILITY COMPANY

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.

ULTRASONIC GASTROUNDOSCOPE
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

Practical Imaging Results

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 Olypmcus's GF-UE160-AL5 scope, the result is an ELS 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.

Sample Imaging Results

Early gastric cancer, type rll
- 6MHz
- 7.5MHz
- 10MHz

Chronic cholecystitis with gallbladder stone
- 1MHz fundamental image
- THE 520 mode image
- Color Doppler image

Features
- Preeminent Imaging Performance
- Tissue Harmonic Echo (THE)
- Quad-Frequency Imaging (6-Step Multi-Frequency Imaging)
- Dual Dynamic Display (DDD)
- Storage & Networking
- DICOM Network