TGF-UC180J
Forward-Viewing Ultrasound Gastrovideoscope Creates Pioneering
New Opportunities in EUS-Guided Treatment
NEW FORWARD-VIEWING ULTRASOUND GASTROVIDEOEOMSCOPE RAISES THE STANDARD OF EUS-GUIDED TREATMENT

Olympus takes pride in its track record of providing highly effective solutions in ultrasound-gastrovideoscope design. Convex-array-type instruments are increasingly considered the instrument of choice, and as the industry leader, Olympus has focused all its expertise and accumulated know-how into the revolutionary new design of this forward-viewing ultrasound gastrovideoscope, expanding the treatment options for users with a focus on interventional EUS procedures. The remarkable potential of this cutting-edge Olympus product will bring new benefits to your EUS practice and patient care.

**TGF-UC180J Uniquely Advantageous**

**Wide Angulation**

Angulation of 180° (up) is ideal for comprehensive observation.

**Straight Channel Port**

Reduced resistance provides greater puncture force and increased control of endotherapy devices.
A shorter, rigid portion enhances the maneuverability of the scope’s distal tip in the digestive tract.

This flushes away blood and residue inside organs for a clear view at all times and eliminates the need for a balloon.

1 Regulations and usage of ultrasound contrast agents vary according to the country where they are used and the type of agents. Please use the ultrasound contrast medium according to the instructions that are provided with the products.
Single-Use Aspiration Needle
NA-U200H-8019, 8022/NA-U200H-8019S, 8022S

EZShot 3 Plus
19G, 22G, both with optional side hole

Uncompromised Access to Difficult Locations
The EZShot 3 Plus EUS-FNA needle provides uncompromised access to the pancreatic head. Its flexible, multilayered coil sheath enables smooth insertion and excellent force transmission. The nitinol needle tip is resistant to kinking, ensuring the needle remains straight even after multiple passes. A sharp Menghini-type needle tip supports smooth puncture and effective tissue acquisition. The needle tip also features an enhanced dimple pattern, which provides excellent visibility under ultrasound and an ergonomic handle further enables effortless and confident operation.

Ordering Information

### Endoscope Functions

<table>
<thead>
<tr>
<th>Field of view</th>
<th>120°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direction of view</td>
<td>Forward viewing</td>
</tr>
<tr>
<td>Depth of field</td>
<td>3 to 100 mm</td>
</tr>
</tbody>
</table>

**Insertion Tube**
- Distal end, outer diameter: 14.6 mm
- Insertion tube, outer diameter: 12.6 mm
- Working length: 1245 mm

**Instrument Channel**
- Channel, inner diameter: 3.7 mm
- Minimum visible distance: 5 mm from the objective lens
- Direction from which endotherapy accessories enter and exit the endoscopic image

**Bending Section**
- Angulation range: Up 180°, Down 90°, Right 90°, Left 90°
- Total Length: 1560 mm

### Ultrasound Functions

<table>
<thead>
<tr>
<th>Model</th>
<th>With EU-ME 2 Premier Plus</th>
<th>With ProSound F75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation Mode</td>
<td>B-mode, THE mode, H-FLOW mode, COLOR FLOW mode, POWER FLOW mode, PW mode, CH-EUS mode, and ELST mode (Elastography)</td>
<td>B-mode, M-mode, D-mode, FLOW mode, POWER FLOW mode, and CH-EUS mode</td>
</tr>
<tr>
<td>Scanning Method</td>
<td>Electronic, curved linear array</td>
<td></td>
</tr>
<tr>
<td>Scanning Direction</td>
<td>Parallel to the insertion direction</td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>5/6/7.5/10/12 MHz¹</td>
<td>5/6/7.5/10 MHz¹</td>
</tr>
<tr>
<td>Scanning Range</td>
<td>90°</td>
<td></td>
</tr>
<tr>
<td>Contact Method</td>
<td>Sterile, deaerated, water-immersion method, direct-contact method²</td>
<td></td>
</tr>
</tbody>
</table>

¹ This is the user-selectable frequency in B-mode.
² You cannot perform the balloon method because this product does not have the balloon function.