

## TGF-UC180J

**Forward-Viewing Ultrasound Gastrovideoscope Creates Pioneering  
New Opportunities in EUS-Guided Treatment**



# NEW FORWARD-VIEWING ULTRASOUND GASTROVIDEOSCOPE 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.



Endoscopic image



B-mode

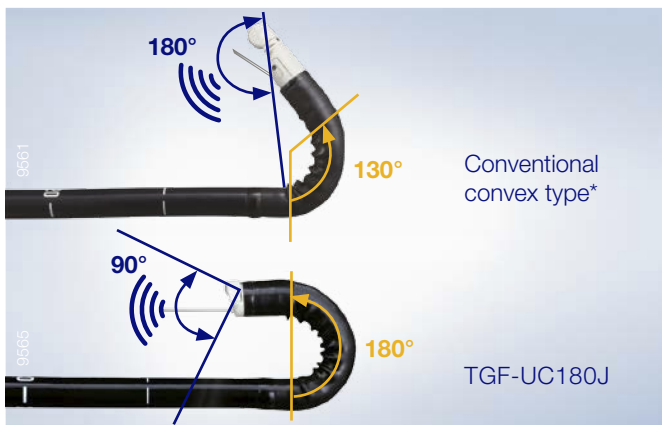


B-mode (EUS-FNA)



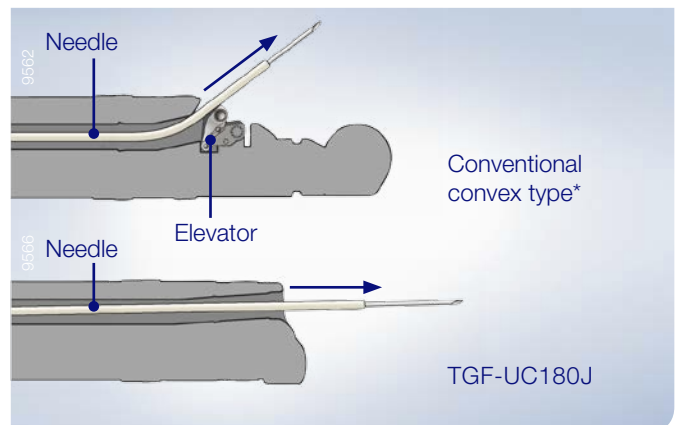
COLOR FLOW mode

## 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.

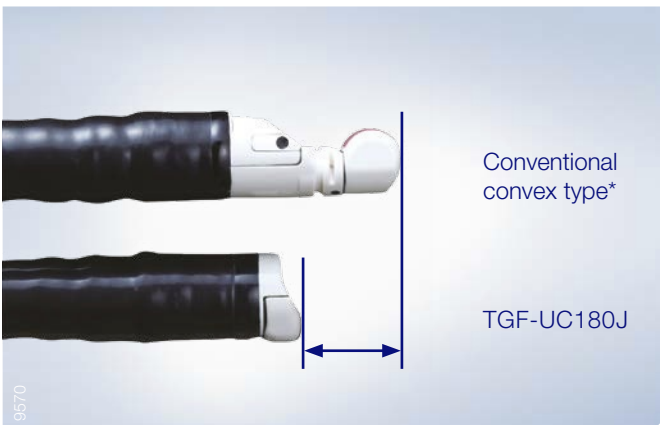
## Endoscopic Ultrasound Center EU-ME2



### Compatible with linear and radial ultrasound endoscopes and radial ultrasound miniature probes.

The Olympus EU-ME2 is a high-quality, compact ultrasound processor designed to fit in an endoscopic trolley and to be used with the Olympus endoscopic and endobronchial ultrasound equipment. In addition to its superb image quality, the EU-ME2 Premier Plus incorporates the latest technologies, such as Tissue Harmonic Echo, Contrast Harmonic EUS<sup>1</sup>, and Elastography.

<sup>1</sup>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.



### Shorter Distal End

A shorter, rigid portion enhances the maneuverability of the scope's distal tip in the digestive tract.

\* Olympus GF-UCT180

## Hitachi Aloka Medical Ultrasound System ProSound F75

### Providing compatibility with linear and radial ultrasound endoscopes and extracorporeal probes.

As a high-end ultrasound system, the ProSound F75 supports various scan methods and gives you a wide variety of imaging capabilities to meet your high-quality imaging needs. The system is compatible with Olympus linear and radial ultrasound endoscopes as well as extracorporeal probes. The latest technologies, such as Broadband Harmonics (BbH), Contrast Enhancement (CE)<sup>1</sup>, and Elastography, are supported.



### Auxiliary Water Channel

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

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## Single-Use Aspiration Needle

NA-U200H-8019, 8022/NA-U200H-8019S, 8022S

### EZShot 3 Plus

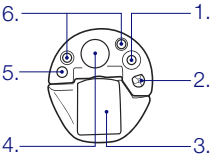

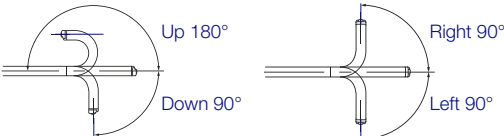
19G, 22G, both with optional side hole

### 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		
<b>Optical System</b>	Field of view	120°
	Direction of view	Forward viewing
	Depth of field	3 to 100 mm
<b>Insertion Tube</b>	Distal end, outer diameter	14.6 mm
	Distal end, enlarged	1. Objective lens 2. Air/water nozzle 3. Ultrasound transducer 4. Instrument channel outlet 5. Auxiliary water channel outlet 6. Light-guide lens
		
	Insertion tube, outer diameter	12.6 mm
	Working length	1245 mm
<b>Instrument Channel</b>	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	
<b>Bending Section</b>	Angulation range	
	<b>Total Length</b>	1560 mm

Ultrasound Functions		
Model	With EU-ME 2 Premier Plus	With ProSound F75
<b>Operation Mode</b>	B-mode, THE mode, H-FLOW mode, COLOR FLOW mode, POWER FLOW mode, PW mode, CH-EUS mode, and ELST mode (Elastography)	B-mode, M-mode, D-mode, FLOW mode, POWER FLOW mode, and CH-EUS mode
<b>Scanning Method</b>	Electronic, curved linear array	
<b>Scanning Direction</b>	Parallel to the insertion direction	
<b>Frequency</b>	5/6/7.5/10/12 MHz*1	5/6/7.5/10 MHz*1
<b>Scanning Range</b>	90°	
<b>Contact Method</b>	Sterile, deaerated, water-immersion method, direct-contact method*2	

\*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.



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

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