OLYMPUS®

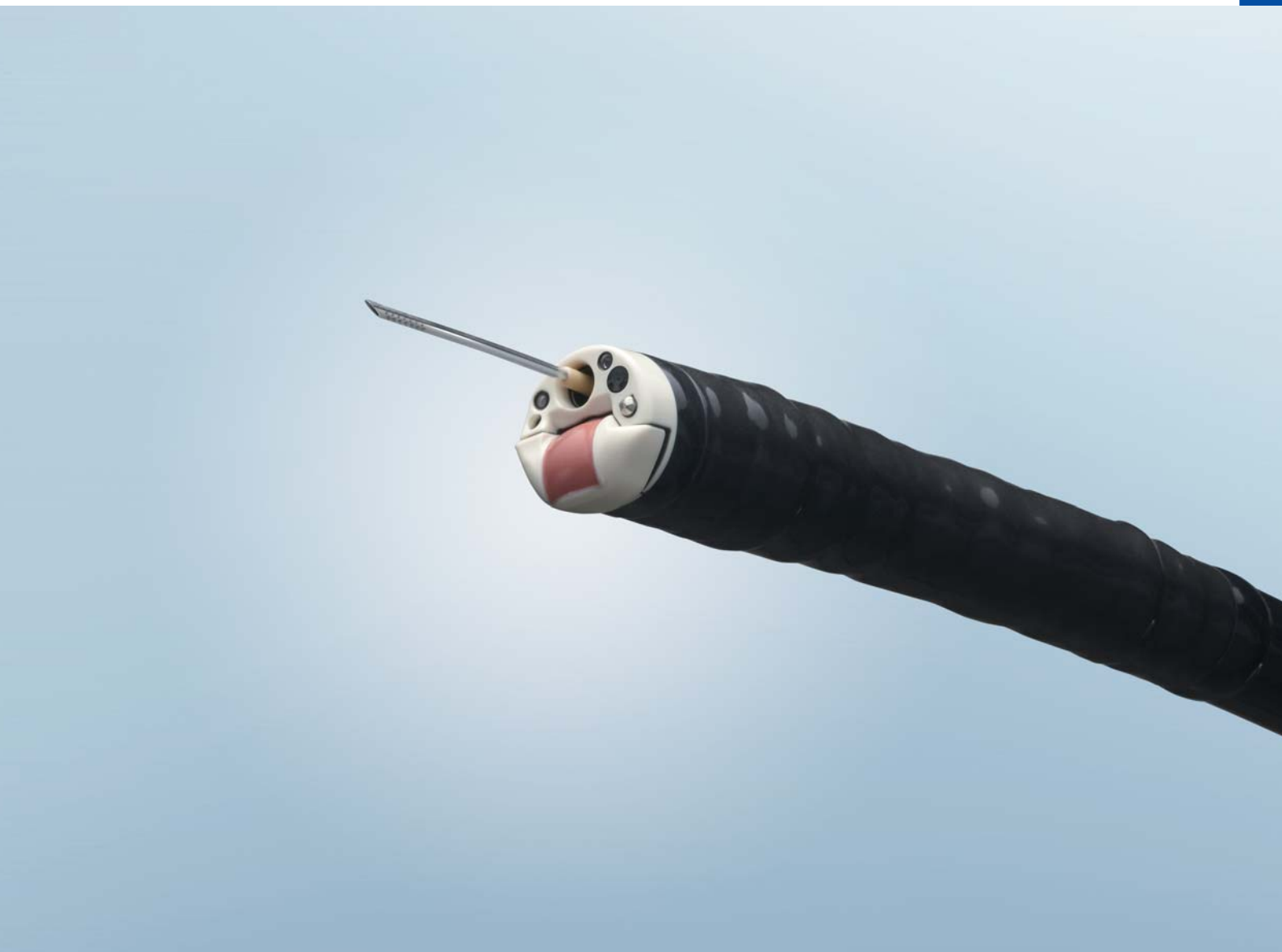
Your Vision, Our Future

EVIS EUS

EVIS EXERA II ULTRASOUND GASTROVIDEOSCOPE

TGF-UC180J

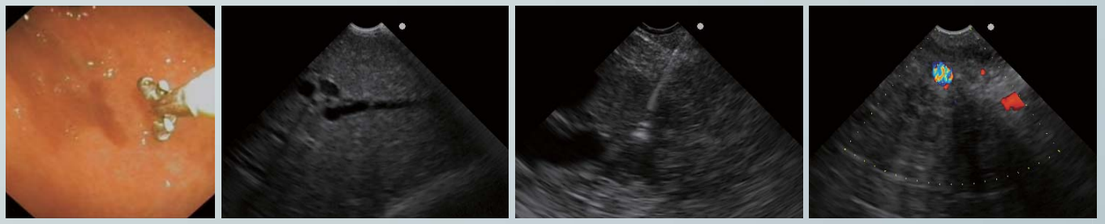
Forward-viewing ultrasound gastrovideoscope pioneers new opportunities in EUS-guided treatment



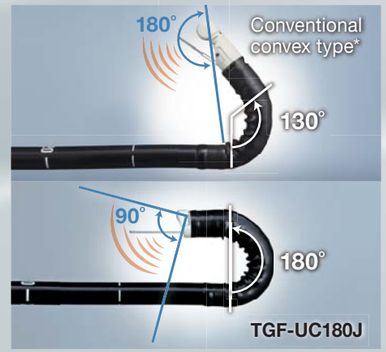
New forward-viewing ultrasound gastrovideoscope raises the standard of EUS-guided treatment.

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

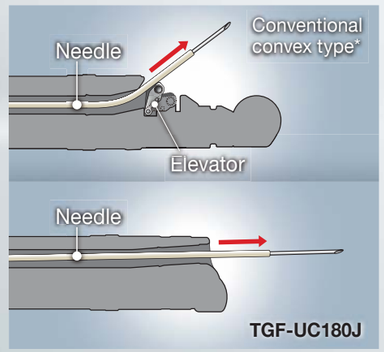


TGF-UC180J Uniquely advantageous



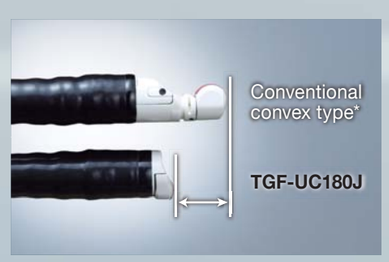
Wide angulation

180° (up) angulation is ideal for comprehensive observation.



Straight channel port

Reduced resistance provides greater puncture force and increased control of endotherapy devices.



Shorter distal end

Shorter rigid portion enhances the maneuverability of scope distal tip in the digestive tract.

Auxiliary water channel

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

* OLYMPUS GF-UCT180

OLYMPUS all-in-one solution

Universal endoscopic ultrasound center

EU-ME1

Integrates electronic and mechanical scanning in a single unit

Designed to fit on an endoscopy tower, this versatile unit is compatible with most OLYMPUS ultrasound endoscopes. Regardless of whether the connected scope is mechanical or electronic EUS technology, curved linear array or radial scanning the EU-ME1 is versatile enough to support them all. This compact high-performer combines excellent B-mode image, sensitive Power and Color Doppler capability, and more.

Hitachi Aloka Medical Diagnostic Ultrasound System

ProSound F75

“FIT” for comfortable and efficient ultrasound examinations.

The ProSound F75 offers excellent imaging for a wide variety of clinical applications aiding in better diagnosis. For facilitating workflow, the system is ergonomically designed to accommodate all physicians in the practice through positional adjustment of the operation panel and monitor.

Single Use Aspiration Needle NA-220H-8019, 8022, 8025 / NA-230H-8022

EZ Shot 2™ 19G, 22G, 25G, 22G with sideport

Selection of needles for various styles and requirements

The variably-sized, versatile EZ Shot 2 is compatible with OLYMPUS ultrasound endoscopes designed for EUS-guided FNA. Available in 19G, 22G, 25G and 22G with a sideport to allow aspiration from the needle's distal tip and side. The all-in-one EZ Shot 2 has everything needed for effective FNA including a unique dimpled design that is clearly visible in ultrasound images.

* EZ Shot (NA-200H-8022) is not compatible with the TGF-UC180J.

Ultrasound Cable

MAJ-2056 / MAJ-1597

The cable's detachable design makes the ultrasound endoscope easy to handle, reprocess and store.

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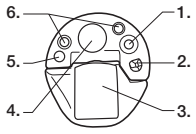
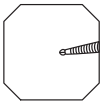
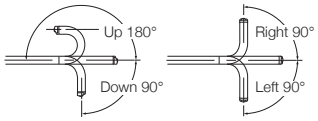
OLYMPUS TGF-UC180J

Specifications

■ Endoscope Functions

Optical System	Field of view	120°
	Direction of view	Forward viewing
	Depth of field	3 to 100 mm
Insertion Tube	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
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	
Total Length	1560 mm	

■ Ultrasound Functions

Model	With EU-ME1	With ProSound F75
Operation Mode	B-mode, Color Flow mode, Power Flow mode	B-mode, M-mode, D-mode, Flow mode, Power Flow mode
Scanning Method	Electronic curved linear array	Electronic curved linear array
Scanning Direction	Parallel to the insertion direction	Parallel to the insertion direction
Frequency	5, 6, 7.5, 10, 12 MHz*1	5, 6, 7.5, 10 MHz*1
Scanning Range	90°	90°
Contacting Method	Sterile deaerated water immersion method, Direct contact method*2	Sterile deaerated water immersion method, Direct contact method*2

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

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