

OLYMPUS®

Your Vision, Our Future

EVIS EUS

PROBE DRIVING UNIT

MAJ-1720

Designed to Support a Wide Range of EUS and EBUS Procedures



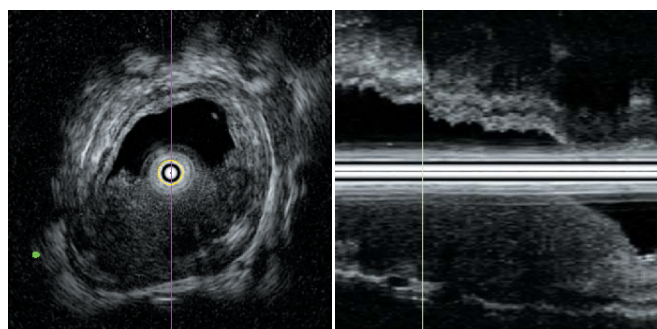
MAJ-1720

Take advantage of convenient ultrasound scanning with OLYMPUS' wide range of ultrasound miniature probes

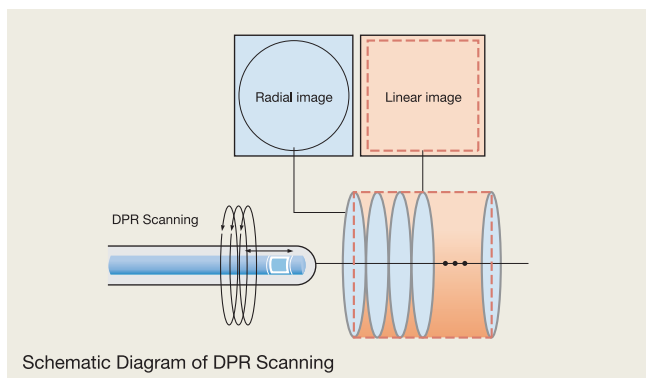
- Applicable to a wide spectrum of EUS and EBUS procedures, OLYMPUS' slim ultrasound probes have a wide frequency range of 7.5 to 30 MHz enabling observation at high frequencies to provide higher resolution of superficial layers, while also facilitating endosonography of difficult-to-access locations such as strictures. In addition, these probes can be used in intraductal ultrasonography, which is not possible with conventional EUS scopes.
- Balloon type miniature probes can be used in areas where water does not pool easily or safely, such as in the esophagus or the lungs.

Dual-plane reconstruction (DPR) combines radial and linear images for more detailed imaging

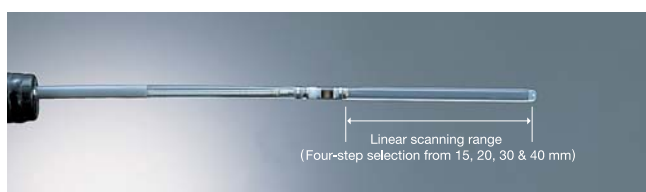
- When you combine a UM-DP12-25R /UM-DP20-25R/UM-DG20-31R with the MAJ-1720, DPR technology allows dual radial and linear images to be displayed simultaneously after a single stroke of the helical scan.
- DPR makes ultrasound images easier to interpret, since it generates two dimensions that correlate directly with one another.
- When the EU-ME1 processor is used, DPR data can deliver 3D images in real time.



DPR display



Schematic Diagram of DPR Scanning



UM-DP12/20-25R

Specifications

Main Unit Specifications

Size	Dimensions (Main Unit)	Total Length	Weight
	71 mm(W)×94 mm(H)×190 mm(D)	1850 mm	1.4 kg

Probes

Ultrasound Probes	Model	Frequency	Scanning Method	Working Length	Total Length	Insertion Tube Outer Diameter (Distal) (Maximum)		
	UM-DP12-25R	12 MHz	Mechanical radial and helical scanning	2050 mm	2210 mm	2.5 mm		
	UM-DP20-25R	20 MHz				3.1 mm		
	UM-DG20-31R							
	UM-2R	12 MHz	Mechanical radial scanning	2050 mm	2140 mm	2.4 mm	2.2 mm	
	UM-3R	20 MHz				2.0 mm		2.0 mm
	UM-G20-29R					1.7 mm		1.7 mm
	UM-S20-20R					1.4 mm		1.7 mm
	UM-S20-17S			2050 mm	2225 mm	1.4 mm	1.7 mm	
	UM-BS20-26R	2.6 mm*				2.0 mm		
	UM-S30-20R	1.7 mm						
	UM-S30-25R	2.4 mm						

*when used with the balloon sheath MAJ-643R

Rectal Ultrasound Probes	Model	Frequency	Scanning Method	Length of Insertion Section	Insertion Section Maximum Outer Diameter
	RU-75M-R1	7.5 MHz	Mechanical radial scanning	150 mm	12 mm
	RU-12M-R1	12 MHz			

Compatibility—Endoscopic Ultrasound Centers

EU-ME1, EU-M60, EU-M2000, EU-M30S *These products may not be available in some countries.

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



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