OLYMPUS®

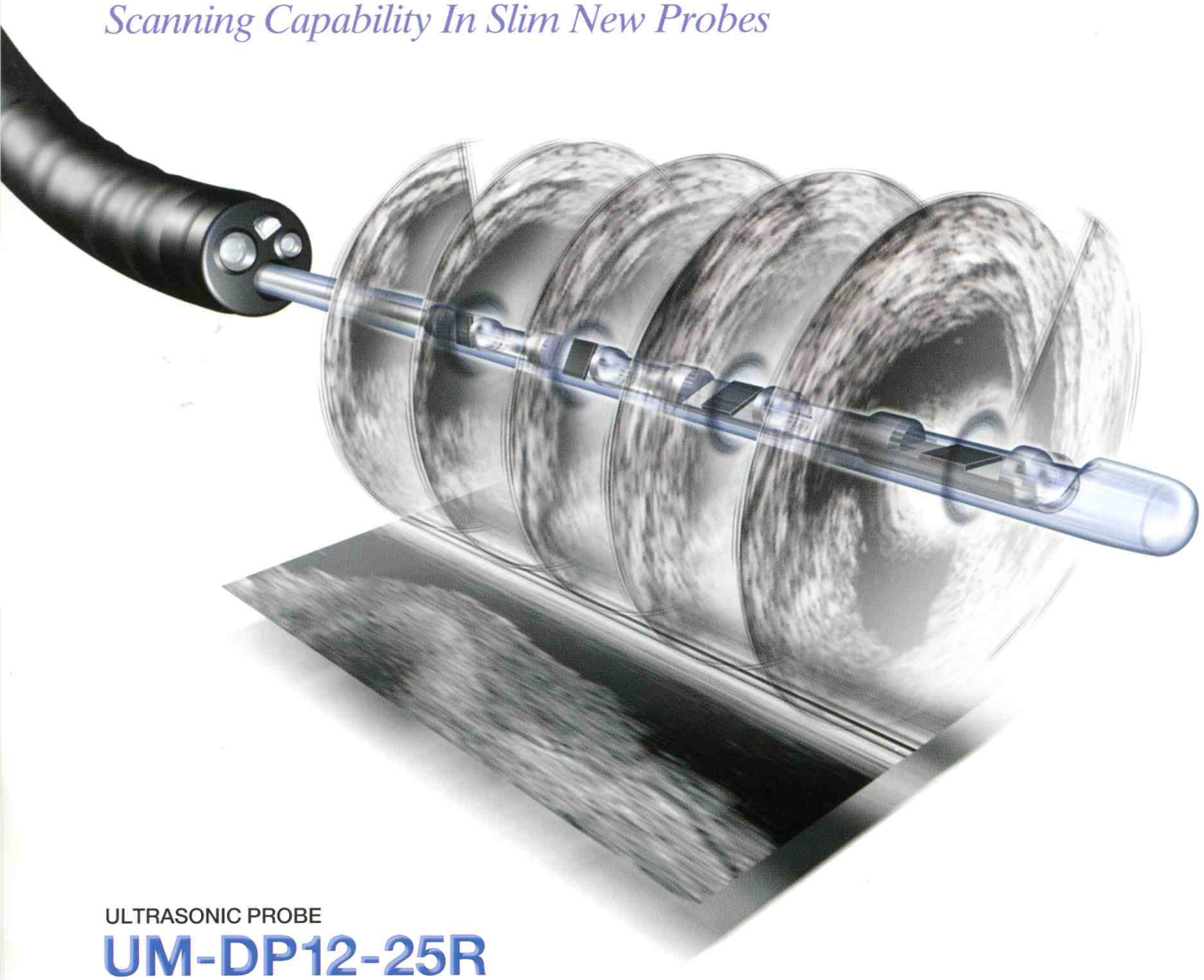
EUS
ENDOSCOPIC ULTRASOUND SYSTEM

ULTRASONIC PROBE

UM-DP12-25R
UM-DP20-25R

The World's First Ultrasonic Probes With Dual-Plane Reconstruction Scanning Capability

Powerful Dual-Plane Reconstruction
Scanning Capability In Slim New Probes



ULTRASONIC PROBE

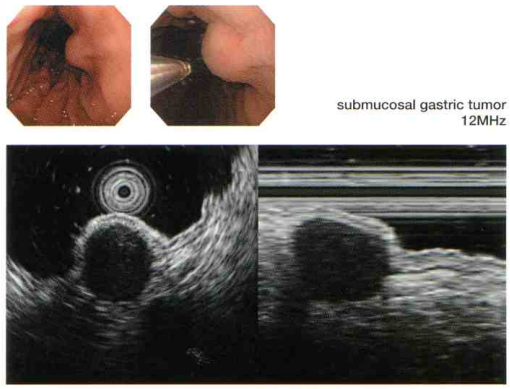
UM-DP12-25R
UM-DP20-25R

The first to offer dual-plane reconstruction scanning capability, these ultra-slim ultrasonic probes are expanding the potential endoscopic ultrasonography.

With the introduction of the world's first ultrasonic probes to feature Dual-Plane Reconstruction (DPR) scanning capability, Olympus is adding a new dimension to endoscopic ultrasonography. The new DPR-compatible UM-DP12-25R and UM-DP20-25R probes both feature an ultra-slim design that can be passed easily through a 2.8 mm diameter channel endoscope. In conjunction with the MAJ-935 Probe Driving Unit, these probes can now display radial and linear images simultaneously on a single monitor providing images that are easier to understand.

Advanced DPR Capability

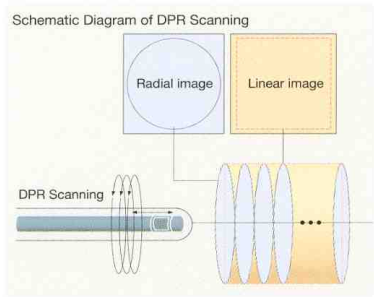
When combined with the MAJ-935 Probe Driving Unit, these probes are able to perform DPR. DPR scanning makes it possible to display only radial, or both radial and linear ultrasound images simultaneously on a single monitor in real time.

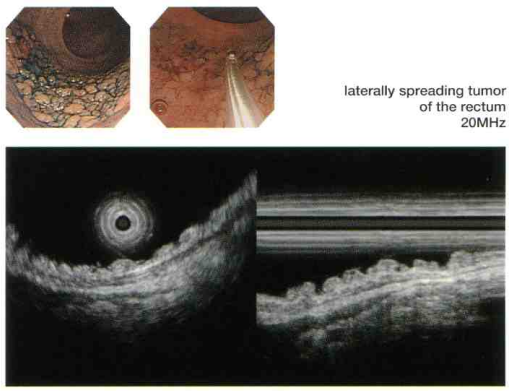


submucosal gastric tumor
12MHz

DPR For More Accurate Assessment

DPR makes it easier to understand and analyze ultrasound images.
By generating two dimensions that correlate directly with one another, DPR allows you to observe both the penetration and longitudinal border of a region of interest. This makes it possible to more accurately assess tissue invasion.

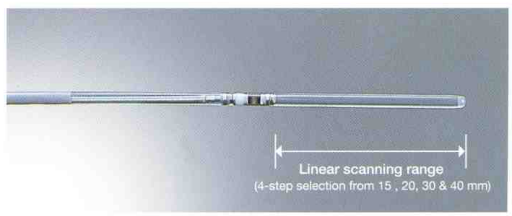




laterally spreading tumor
of the rectum
20MHz

Wide 40 mm Linear Scanning Stroke

Because it allows an entire lesion to be scanned in one pass, the wide 40 mm linear scanning stroke can shorten procedure time.

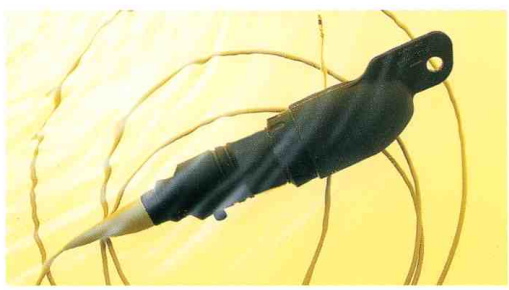


Slim Design Streamlines Procedures

With an outer diameter of only 2.5mm, these probes are slim enough to pass through scope channels as narrow as 2.8 mm across. As a result, they can be used with routine endoscopes, making endoscopic ultrasonography more practical and more accessible than ever before.

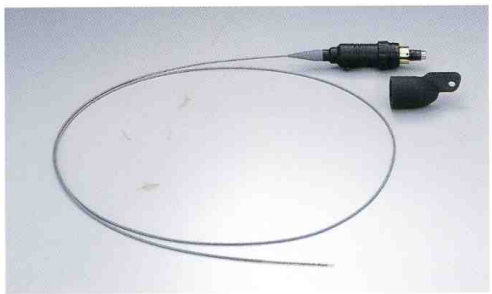
Waterproof Cap For Convenient Disinfection

By attaching the MAJ-1174 Water-Resistant Cap onto the probe connector, the entire probe can be immersed into a disinfectant solution for easy, reliable cleaning.



Specifications

Model Name	UM-DP12-25R	UM-DP20-25R
Display Mode	B-mode	
Scanning Direction	Perpendicular to the direction of insertion	
Scanning Method	Mechanical radial/helical scanning	
Scanning Field of View	360degree Maximum 40mm	
Frequency	12MHz	20MHz
Contact Method	Direct contact method Sterile de-aerated water immersion method	
Working Length	2050mm	
Total Length	2210mm	
Insertion Tube-Outer Diameter	2.5mm	



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