

ULTRASONIC PROBE

UM-DG20-31R

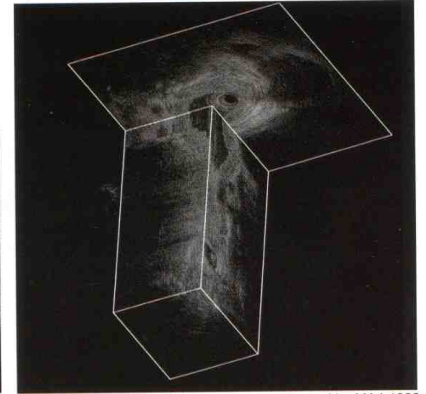
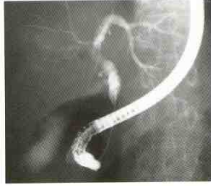
With its guidewire port and linear scanning capability, this advanced ultrasonic probe makes intraductal ultrasonography (IDUS) easier and more efficient



With the DPR function and a guidewire port to facilitate a transpapillary approach to the bile and pancreatic ducts, the UM-DG20-31R makes IDUS procedures easier and more efficient

Take full advantage of IDUS

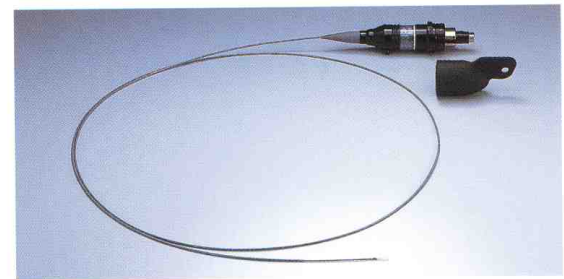
- As ERCP has become commonplace worldwide, intraductal ultrasonography (IDUS) is proving its efficiency as a tool for diagnosis and post-treatment examination. To further expand the potential of IDUS, the UM-DG20-31R can aid in the detection of residual gallstones after endoscopic lithotripsy. The first IDUS-dedicated DPR probe equipped with a guidewire port to facilitate a transpapillary approach to the bile and pancreatic duct, the UM-DG20-31R makes IDUS procedures even easier to perform.



This 3D image was constructed by MAJ-1330

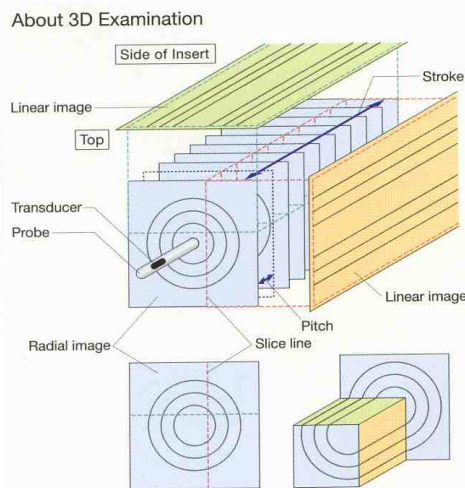
Linear scanning for easier interpretation

- In addition to radial-scanning, the UM-DG20-31R features linear-scanning capability. Having access to both radial and linear displays not only makes it easier to interpret ultrasound images, it also means you can perform examinations more quickly since the entire length of the bile and pancreatic ducts can be scanned in a linear direction at a maximum stroke of 40 mm. With a radial-only probe, you would have to scan back and forth repeatedly — a slow and time-consuming process.



3D image processing

- When the optional MAJ-1330 3D Upgrade Kit is installed in the EU-M60/M2000 Endoscopic Ultrasound Center, the radial and linear scanned data is processed to construct 3D images. This makes it easier to comprehend the relationship between the lesion and the vascular system. Simultaneous real-time 3D scanning and imaging, as well as post-scan 3D imaging are both available.



Specifications

Model Name	UM-DG20-31R
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	20MHz
Contact Method	Direct contact method Sterile De-aerated water immersion method
Working Length	2050mm
Total Length	2210mm
Insertion Tube-Outer Diameter	2.2mm
Maximum Outer Diameter	3.1mm

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

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On October 1, 2004, Olympus Corporation transferred its Medical Systems Group to a newly created affiliate, OLYMPUS MEDICAL SYSTEMS CORP.

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