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-DG20-3IR 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-DG20-3IR can aid in the detection of residual gallstones after endoscopic lithotomy. The first IDUS-dedicated DPR probe equipped with a guidewire port to facilitate a transpapillary approach to the bile and pancreatic ducts, the UM-DG20-3IR makes IDUS procedures easier to perform.

**Linear scanning for easier interpretation**

- In addition to radial scanning, the UM-DG20-3IR 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-M6090/900 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.

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**Specifications**

- **Model Name**: UM-DG20-3IR
- **Display Mode**: B-mode
- **Scanning Direction**: Perpendicular to the direction of insertion
- **Scanning Method**: Mechanical radial (flat scanning)
- **Scanning Field of View**: 360°/180°
- **Frequency**: 20 MHz
- **Contact Material**: Hydrophilic rubber (Ultrasound transmission enhancer included)
- **Working Length**: 200 mm
- **Tubing Diameter**: 2.3 mm
- **Maximum Outer Diameter**: 3.8 mm

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**OLYMPUS CORPORATION**

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