The world's first 360° electronic radial scanning scope — paving the way for the next generation of endoscopic ultrasonography.
Superb Ultrasound Image Quality And Exceptional Scope Maneuverability

Expanding the potential of EUS, this breakthrough system combines exceptional scope capability and maneuverability with superb ultrasound image quality and advanced ultrasound functionality, enabling confirmation of blood flow conditions for easier orientation in the pancreatobiliary region and providing improved ultrasound image quality for enhanced diagnostic capability.

**Features/Benefits**
- Easier orientation in the pancreatobiliary region with 360° electronic radial scanning and image rotation capability.
- High-quality ultrasound images with 4 selectable frequencies.
- Superior scope maneuverability, made possible by a wide angulation range (130° up, 90° down/right/left), to facilitate the approach to the duodenal bulb.
- Tissue Harmonic Echo (THE) for improved spatial and contrast resolution.
- Color and Power Doppler for effective confirmation of blood flow.
- Lens cleaning function to keep the endoscopic field of view clear at all times.

**Sample Imaging Results**
- Early gastric carcinoma (type IC)
- Chronic cholecystitis with Gallbladder stone

**ProSound SSD-α5/SSD-5000**
Delivering premium imaging performance, superior functionality and proven reliability.

**Features**
- Preeminent Imaging Performance
- Tissue Harmonic Echo (THE)
- Quad-Frequency Imaging (4-Step Multi-Frequency Imaging)
- Dual Dynamic Display (DDD)
- Storage & Networking
- DICOM Network
**Specifications**

**Endoscopic Functions**

- **Optical System**: 0°, 30°, 90°
- **Insertion Tube**: Outer Diameter 13.8 mm, Working Length 1250 mm
- **Instrument Channel**: Inner Diameter 2.2 mm, Minimum Visible Distance 3 mm
- **Bending Range**: 130° UP, 90° DOWN, 90° LEFT, 90° RIGHT
- **Total Length**: 1555 mm

**Ultrasonic Functions**

- **Ultrasonic Transducer**: Nozzle, Objective lens, Light guide lens, Balloon water supply port, Intra-gastrointestinal balloon attachment groove
- **Scanning Method**: Electronic Radial Array, Perpendicular to Insertion Direction
- **Frequency**: 3.75S/3.75P/5.0R/5.0H
- **Scanning Direction**: Balloon Method, Sterile De-aerated Water Immersion Method
- **Scanning Range**: 360°
- **Display Mode**: B-mode, M-mode, D-mode, Flow-mode, Powerflow-mode

**Optional Feature**

- **Lens Cleaning Function**: Available

*Optional feature: Tissue Harmonic Echo*