

PENTAX Medical
Endoscopic Ultrasound EG-3670URK

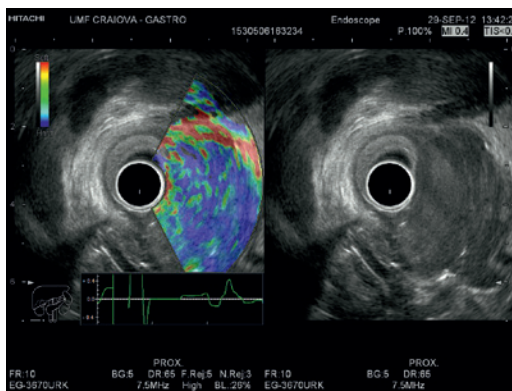
360° radial-array ultrasound endoscope for diagnostic EUS



The outstanding image quality of the EG-3670URK, combining a forward viewing endoscope and ultrasound, offers an optimal foundation for the detection and staging of lymph nodes and tumours in the gastrointestinal system.

EG-3670URK

State-of-the-art ultrasound technology in a radial endoscope for diagnosis.



Esophageal tumor + LN CDI¹⁾

State-of-the-art image quality

- The EG-3670URK features a 360°, electronic, radial-array ultrasound transducer, which generates high-resolution ultrasound images providing the endoscopist with a high level of diagnostic precision for all indicated application areas.
- Supported by various imaging modalities such as Hitachi Real-Time Tissue Elastography (HI-RTE) and Doppler function, a more accurate localisation and targeting of lesions is possible.

Maximum comfort

- The high flexibility and advanced maneuverability of EG-3670URK allow more precise navigation.

- One touch balloon, two-stage suction and three-stage air/water valve provide easy control, thus enhancing user performance.

Broad field of applications

- The EG-3670URK is suitable for diagnostic ultrasound procedures in the upper GI tract, offering biopsy possibilities through a 2.4 mm diameter integrated working channel.

1) Courtesy of Prof. Adrian Săftoiu, University of Medicine and Pharmacy Craiova, Romania

Ultrasound Endoscope EG-3670URK

Type	EG-3670URK
Direction of viewing field	Forward
Field of view [°]	140
Dept of field [mm]	4 – 100
Tip deflection up/down [°]	130/60
Insertion tube [Ø mm]	13.45
Distal end [Ø mm]	10.3
Distal end diameter US probe [Ø mm]	12.6
Instrument channel [Ø mm]	2.4
Working length [mm]	1,250
Scanning angle [°]	360
Acoustic Frequency [MHz]	5 – 10 switchable
Scanning direction	Latitudinal
Scanning system	Radial

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