

**PENTAX** Medical  
Endobronchial Ultrasound EB-1970UK

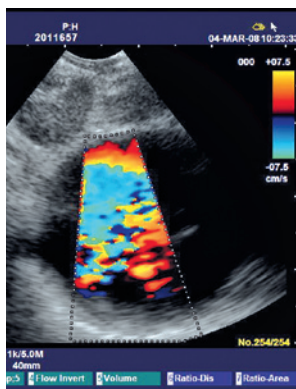
*Minimal invasion. Maximum reliability and efficiency.*



The outstanding image quality of the PENTAX Medical EB-1970UK endoscope offers an uncompromising foundation for the detection and staging of paratracheal, mediastinal and hilar lymph nodes and non-infiltrating tumours on the outer bronchial wall. Endobronchial ultrasound and real-time EBUS TBNA set new standards in bronchoscopy. This blended technology is a future-proof contribution to more reliable diagnosis and precise staging.

## EB-1970UK

State-of-the-art ultrasound technology, new level of precision and visual accuracy



### Outstanding Image Quality

- High resolution ultrasound and endoscopic imaging due to superior fully digital video and 100% Color-CCD-Chip in the Tip Technology.
- The convex ultrasound probe allows sonographic visualisation of the bronchial system for diagnosis and staging of lung cancer, especially lymph nodes and tumour masses.

### High Patient Comfort

- According to latest studies, surgical procedures such as mediastinoscopy can be partially replaced and the risk of complications reduced, benefiting both the patient and clinic.

### Superb Navigation Performance

- Fast orientation, navigation and precise positioning of the EBUSpro endoscope is possible due to the US probe always being visible on screen.
- Parallel monitoring of endoscopic and ultrasound image through picture-in-picture mode.
- Colour and Power Doppler for optimised characterisation.
- Large 2.0 mm diameter of the instrument channel provides good suction capability and facilitates the easy insertion of devices.

### Ultrasound Bronchoscope EB-1970UK

Type	EB-1970UK
Direction of viewing field	Forward oblique [45°]
Field of view [°]	100
Dept of field [mm]	2 – 50
Tip deflection up/down [°]	120/90
Insertion tube [Ø mm]	6.3
Distal end [Ø mm]	7.4
Distal end diameter US probe [Ø mm]	6.5 x 7.0
Instrument channel [Ø mm]	2.0
Working length [mm]	600
Scanning angle [°]	75
Acoustic Frequency [MHz]	5 – 10 switchable
Scanning direction	Longitudinal
Scanning system	Convex

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