

Ultrasound Video Bronchoscope EB19-J10U

Discover new facets of vision



The PENTAX Medical Ultrasound Video Bronchoscope EB19-J10U features crystal clear ultrasound imaging to support diagnostic accuracy, contributes to a smooth facilitation of the EBUS-TBNA, and is ergonomically designed for ease of operation and high working comfort.

The combination of various Hitachi Ultrasound systems with advanced imaging modalities and PENTAX Medical video processors with superb visualization capabilities offers a superior solution designed for high user demands.

High precision through optimized design



Crystal clear imaging for precise visualization

Offers state-of-the-art ultrasound image quality thanks to the latest ultrasound transducer and system technology for clear visualization of the airway wall, surrounding lymph nodes, and adjacent structures. Sharpened endoscopic view using the newest PENTAX Medical imaging technology supports orientation and navigation in the airways.

Reliable tissue acquisition

Outstanding ultrasound imaging contributes to an accurate real-time ultrasound-guided trans-bronchial needle aspiration (EBUS-TBNA) for the diagnosis and staging of lung diseases. An enlarged working channel of 2.2 mm enables the use of a wide range of standard-sized EBUS-TBNA needles for tissue acquisition.

Unmatched ergonomic design for ease of operation

Combined with the unmatched ergonomics of the control body for ease of operation, the small ultrasound transducer and the slim endoscope outer diameter provide optimal working comfort for users and high patient tolerance.

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Direction of view	Forward oblique [45°]
Field of view [°]	100
Depth of field [mm]	2-50
Tip angulation up/down [°]	120 / 90
Distal end width [mm]	7.3
Insertion portion width [mm]	6.3
Minimum instrument channel width [mm]	2.2
Insertion portion working length [mm]	600
Total length [mm]	875
Frequency [MHz]	5-13*
Scan method	Convex
Scan angle [°]	75

In the interest of technical progress, specifications may change without notice.

*For details on frequency, refer to the instructions for use provided with the ultrasound scanning unit.

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TÜV Süd CE0123 • Medical device class: IIa • This product must be used only by healthcare professionals. Before use and for detailed product specifications, please refer to the instructions for use. In the interest of technical process, specifications may change without notice.

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