

## 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 for clear visualization of the airway wall, surrounding lymph nodes, and adjacent structures. It supports orientation and navigation in the airways by the sharpened HD endoscopic view.

### Reliable tissue acquisition

The combination of an outstanding ultrasound imaging and an enlarged working channel contribute to an accurate and easier real-time ultrasound-guided trans-bronchial needle aspiration (EBUS-TBNA) for the diagnosis and staging of lung diseases with the use of a wide range of needles.

### Unmatched ergonomic design for ease of operation

Optimal working comfort for users and high patient tolerance provided by the small ultrasound transducer, the slim endoscope outer diameter and the unique ergonomics of the control body.

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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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**MEDICAL**  
*Excellence in Focus*