

75K Series Video Bronchoscopes

Next generation imaging meets high hygiene demands

PENTAX
MEDICAL



Next Generation Imaging

PENTAX i-SCAN™ Image
Enhancement Support

STERRAD® Compatibility

EB-1575K & EB-1975K Video Bronchoscopes



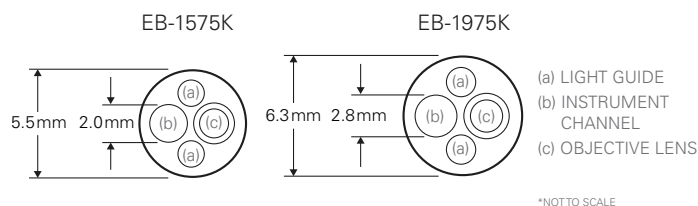
Next Generation Imaging

The 75K Series Video Bronchoscopes are equipped with our next generation bronchoscope imaging components. New advancements include the new digital signal processing design that enhances color and contrast, resulting in more vibrant and color-accurate video. New and improved light guide lens system improves the distribution of light to the peripheral area of the image, thus enabling clearer visualization of the 120-degree field of view.

PENTAX i-SCAN™ Image Enhancement Support

In combination with the PENTAX Medical EPK-i®5010 high definition video processor, the 75K Series video bronchoscopes can fully support the PENTAX i-SCAN™ technology. i-SCAN is a digital, post-processing image enhancement technology that provides the user with an enhanced view of the texture of the mucosal surface and the blood vessels. It consists of three default settings: i-SCAN 1, i-SCAN 2, and i-SCAN 3.

- i-SCAN 1: Sharpens surface vessels and enhances surface texture of the mucosa
- i-SCAN 2: Increases contrast between mucosa and blood vessels, enhances surface texture of the mucosa
- i-SCAN 3: Increases contrast between mucosa and blood vessels, including dimly illuminated far-field-regions, and enhances surface texture of the mucosa



STERRAD® Compatibility

The new 75K Series bronchoscopes were engineered with new materials in order to meet today's reprocessing demands. As identified by the label on the control body, the EB-1575K and EB-1975K are compatible with the STERRAD® NX™ sterilization system.

Specifications

Model	Insertion Tube (mm)	Distal End (mm)	Instrument Channel (mm)	Working Length (mm)	Field of View (°)	Tip Deflection Up/Down (°)	Focal Range (mm)	STERRAD® NX™ Compatibility
EB-1575K	5.2	5.5	2.0	600	120	210/130	3-50	Yes
EB-1975K	6.4	6.3	2.8	600	120	180/130	3-50	Yes

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Excellence in Focus

i-SCAN is intended to be used as an optimal adjunct following traditional white light endoscopy and is not intended to replace histopathological sampling.

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