

Bronchovideoscope
BF-1TH1100

3.0 mm Instrument Channel with HDTV Image Quality for the Therapeutic Bronchoscope



5.8 mm Diameter with HDTV Image Quality

The BF-1TH1100 achieved to reduce the distal end diameter to 5.8 mm from 6.2 mm distal end diameter of its predecessor^{*1} with no compromising the HDTV image quality.

3.0 mm Therapeutic Instrument Channel

The large 3.0 mm instrument channel facilitates the use of a broad selection of EndoTherapy devices while providing stronger suction performance compared to 2.8 mm instrument channel diameter bronchoscope^{*1}.

Excellence in Ease of Use

Based on technologies which made its predecessor^{*1} highly valued tools in bronchoscopy, the BF-1TH1100 features a rotatable insertion tube that turns 120 degrees in either direction for easier targeting and delivery or withdrawal of EndoTherapy devices. A waterproof one-touch connector enables quicker connection of the endoscope to the system.



Observation Modes with CV-1500

TXI (TeXture and color enhancement Imaging)

Delivering a new ease and clarity of observation by utilizing brightness, tissue texture and color differentiation. Bronchoscopy enhanced by a combination of brightness correction of the dark image areas joined by accentuating the observed tissue texture.

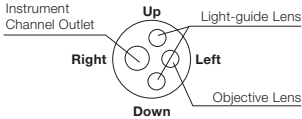

NBI (Narrow Band Imaging)

The proven imaging technology helps physicians to detect suspected region. During endoscopic observation, NBI enhances visualization of the capillary network and mucosal morphology.

RDI (Red Dichromatic Imaging)

Enhances the visualization of vessels in deeper layers of the mucosa. By using narrow bands of the red part of the light spectrum (long-wavelength 600 nm and 630 nm) which penetrate deeper into the mucosa, deep vessels can be displayed in stronger contrast and hence become easier to visualize.

^{*1} EVIS EXERA III BRONCHOVIDEOSCOPE OLYMPUS BF-1TH190

Specifications		
Optical System	Field of view	120°
	Direction of view	Forward viewing
	Depth of field	3-100mm
Insertion Tube	Distal end outer diameter	ø 5.8 mm
	Distal end enlarged	
Instrument Channel	Insertion tube outer diameter	ø 6.1 mm
	Working length	600 mm
	Insertion tube rotation function	Yes
	Channel inner diameter	ø 3.0 mm
	Minimum visible length	3.0 mm from the distal end
Bending Section	Direction from which EndoTherapy accessories enter and exit the endoscopic image 	
	Angulation range	Up 180° / Down 130°
Electro-Cautery Instrument Compatibility		Yes
Laser Compatibility		Nd: YAG
Compatible System		EVIS X1 VIDEO SYSTEM CENTER OLYMPUS CV-1500 EVIS EXERA III VIDEO SYSTEM CENTER OLYMPUS CV-190/CV-190 Plus EVIS EXERA III XENON LIGHT SOURCE OLYMPUS CLV-190



BRONCHOVIDEOSCOPE OLYMPUS BF-1TH1100

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.

