



BF-1TH190

Therapeutic bronchoscope with superb HDTV image quality and a 2.8 mm instrument channel.









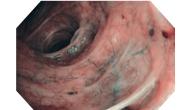


HDTV

Superb HDTV images enable more detailed observation of bronchial surfaces.

NBI (Narrow Band Imaging)

NBI is an optical image enhancement technology that improves the visualisation of vessels on the mucosal surface. NBI is now 50% brighter compared to previous models.



HDTV

Electronic magnification

Electronic magnification of $1.2\times$ and $1.5\times$ is now possible, allowing closer observation.

Insertion tube rotation function

The insertion tube can be rotated left or right up to 120 degrees by simply turning a ring on the control section of the scope. This supports easier operation and smoother insertion with less operator fatigue.



Waterproof One-touch Connector

A new connector design minimises the effort required for set-up prior to and in between cases. In addition, it is fully submersible without a water-resistant cap and eliminates the associated risk of an expensive repair due to accidental immersion.



Ergonomic scope cable direction

The angle of direction of the universal cord has been improved so that the scope cable does not hang limp, even if the video system is located behind the bronchoscopist.

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Optical system	Field of view	120°		
	Direction of view	Forward viewing 3–100 mm		
	Depth of field			
	Image quality	HDTV		
Insertion section	Distal end outer diameter	6.2 mm		
	Distal end enlarged			
	Instrument channel cutlet	Up Light-guide lens		
	Instrument channel outlet			
	Right () _ () Left			
	Objective lens			
	Down			
	Insertion tube outer diameter	6.0 mm		
	Working length	600 mm		
	Insertion tube rotation function	n Yes		
Instrument channel	Channel inner diameter	2.8 mm		
	Minimum visible distance	3.0 mm from the distal end		
	Direction from which endotherapy accessories			
	enter and exit the endoscopic image			



Bending section	Angulation range	Up 180 °	
Electrocautery instrument compatibility	Yes		
Laser compatibility	Nd: YAG, 810 nm diode		
Compatible	Video system center OLYMPUS CV-190		
EVIS EXERA system	Xenon light source OLYMPUS CLV-190		

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

