

BF-H190

Diagnostic bronchoscope with superb HDTV image quality and a 2.0 mm instrument channel.



Main features

HDTV

HDTV images enable a 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.

Electronic magnification

Electronic magnification of 1.2x and 1.5x 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.

Wider angulation range

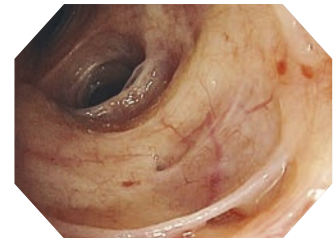
An upward angulation range of 210 degrees supports smoother insertion into the upper lobe bronchi and allows more of a bend in the scope when an EndoTherapy device is inserted in the endoscope's working channel.

Waterproof One-touch Connector

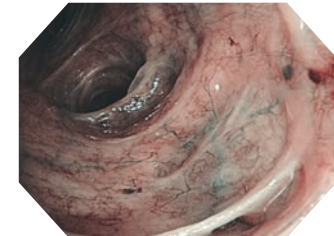
A new connector design minimises the effort required for set-up prior to and in between cases. In addition, it is fully submersible without a water-resistant cap and eliminates the associated risk of an expensive repair due to accidental immersion.

Ergonomic scope cable direction

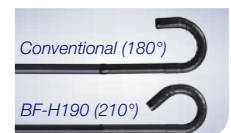
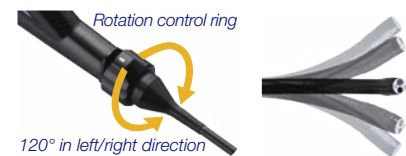
The angle of direction of the universal cord has been improved so that the scope cable does not hang limp, even if the video system is located behind the bronchoscopist.



HDTV



NBI



Specifications

Optical system	Field of view	120°
	Direction of view	Forward viewing
	Depth of field	3–100 mm
	Image quality	HDTV
Insertion section	Distal end outer diameter	5.5 mm
	Distal end enlarged	
Instrument channel	Insertion tube outer diameter	5.1 mm
	Working length	600 mm
	Insertion tube rotation function	Yes
	Channel inner diameter	2.0 mm
Instrument channel	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 210° Down 130°
Electro-cautery instrument compatibility	Yes	
Laser compatibility	Nd: YAG, 810 nm diode	
Compatible EVIS EXERA system	Video system center OLYMPUS CV-190 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.