

OLYMPUS[®]

Your Vision, Our Future

EVIS EXERA III

EVIS EXERA III COLONOVideoscope

PCF-PH190L/I

An innovative series of ultra-slim colonoscopes featuring HDTV image quality



New ultra-slim colonoscope design

With an ultra-slim scope diameter of only 9.7 mm, the PCF-PH190 features our new RIT colonoscope technology, which combines effective PB (Passive Bending) and HFT (High Force Transmission). PB helps EVIS EXERA III 190 Series scopes move through acute bends in the colon. HFT provides improved operator control for both pushing and twisting maneuvers. The slim diameter and these superb functions help insertion go more smoothly for quicker procedures with less discomfort.

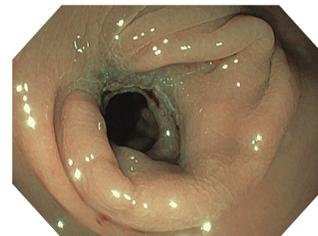
HDTV Image Quality

Even with its ultra-slim diameter, the PCF-PH190 offers HDTV image quality that greatly assists close mucosal observation. The EVIS EXERA III System and endoscopes provide superior image quality, enabling observation with greater detail.



NBI (Narrow Band Imaging)

NBI in EVIS EXERA III 190 Series scopes provides twice the viewable distance of EVIS EXERA II 180 Series scopes and is significantly brighter.



Waterproof One-touch Connector

A new connector design minimizes the effort required for setup prior to and in between cases. In addition, it is fully submersible and eliminates the need for a water-resistant cap and the associated risk of an expensive repair due to accidental immersion.



Optical System	Field of view	140°
	Direction of view	Forward viewing
	Depth of field	2-100 mm
Insertion Section	Distal end outer diameter	9.7 mm
	Distal end enlarged	
	Insertion tube outer diameter	9.5 mm
	Working length	L: 1680 mm I: 1330 mm

Instrument Channel	Channel inner diameter	3.2 mm
	Minimum visible distance	3.0 mm from the distal end
Bending Section	Direction from which endotherapy accessories enter and exit the endoscopic image	
		Up 180°
		Down 180°
		Right 160° Left 160°
Total Length	L: 2000 mm I: 1650 mm	
Compatible EVIS EXERA System	Video System Center OLYMPUS CV-190 Xenon Light Source OLYMPUS CLV-190	

HDTV image courtesy of Horst Neuhaus, MD.
NBI image courtesy of Roy Soetikno, MD.

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