

EVIS EXERA III VIDEOCOLONOSCOPE

PCF-HQ190L/I

Outstanding Image Quality and Handling in a Slim Design





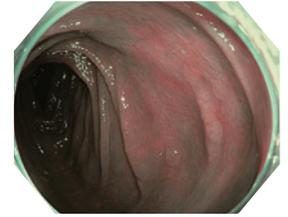
Main Features

Enhanced Image Quality and NBI

A new level of resolving power and 170° angle of view support detailed observation and facilitate lesion detection. This in combination with the high performance of the EVIS EXERA III's NBI opens up exciting new applications and reinforces NBI's position as the standard care for GI endoscopy.



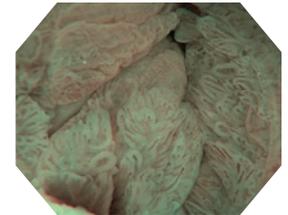
White light



NBI

Dual Focus

Dual focus, a unique OLYMPUS optical innovation, allows the user to select between two focus settings. With the simple push of a scope button, near focus mode delivers a detailed view of vascular and mucosal structures.



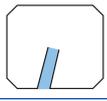
RIT (Responsive Insertion Technology)

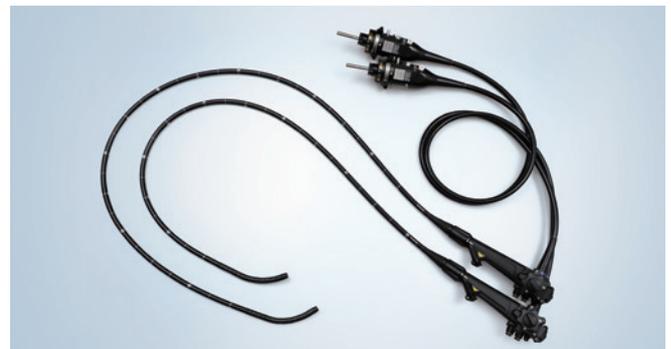
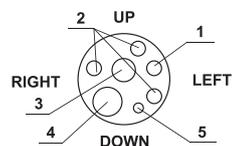
RIT combines three proprietary insertion tube technologies: HFT (High Force Transmission), PB (Passive Bending), and variable stiffness. These technologies are designed to facilitate complete colonoscopies by improving scope handling, insertability, and ergonomics. Better maneuverability reduces cecal intubation time.

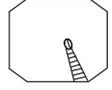
Slim Colonoscope with ScopeGuide Function

While maintaining a slim outer diameter, the PCF-HQ190L/I scope's added ScopeGuide technology provides real-time 3D visualization of the scope's position and configuration during insertion. It supports physicians by making it possible to recognize loops as they form, potentially leading to shorter insertion times and less patient discomfort.



Specifications	
Model	PCF-HQ190L PCF-HQ190I
Optical System	Field of View Normal focus mode: 170° Near focus mode: 160°
	Direction of View Forward viewing
	Depth of Field Normal focus mode: 5 - 100 mm Near focus mode: 2 - 6 mm
Insertion section	Distal End Outer Diameter φ11.8 mm
	Distal End Enlarged
	1 Air/Water Nozzle
	2 Light Guide lens
	3 Objective Lens
	4 Instrument Channel Outlet
5 Auxiliary Water Channel	
Insertion Tube Outer Diameter	φ12.0 mm
Insertion Section Working Length	1680 mm 1330 mm
Water Jet	
	Channel Inner Diameter φ3.2 mm
Instrument Channel	Minimum Visible Distance ^{*1} 3 mm (Normal focus mode)



Instrument Channel	Direction from Which EndoTherapy Accessories Enter and Exit the Endoscopic Image	
Bending Section	Angulation Range	UP 180° DOWN 180° RIGHT 160° LEFT 160°
Total Length		2005 mm 1655 mm
Compatible EVIS EXERA System		Video System Center OLYMPUS CV-190, CV-190 PLUS Xenon Light Source OLYMPUS CLV-190

*1 Distance from the distal end of the endoscope.

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