

# OLYMPUS

Your Vision, Our Future

## EVIS EXERA III

### PCF-H190L/I

Markedly improved visibility and handling in a slim design.



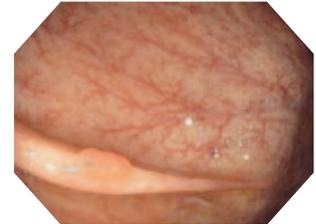
## Main features

### 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. 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 manoeuvres. Variable stiffness allows the physician to adjust the rigidity of OLYMPUS scopes as needed, by simply turning an adjustment ring on the scope control section.

### New wider angle

The new PCF-H190 scope adds 30° to its field of view to attain 170°, providing the same view as the larger CF scope. This wide view, combined with HDTV and NBI, enables closer, more detailed examination and observation.



White light



NBI

Image courtesy of Tonya Kaltenbach, MD

### 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 offers much greater contrast between blood vessels and mucosa. The greatly improved performance of NBI opens up exciting new clinical applications and reinforces NBI's position as the standard of care for GI endoscopy.

### 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 and eliminates the need for a water-resistant cap and the associated risk of an expensive repair due to accidental immersion.



### Specifications

<b>Optical system</b>	Field of view	170°
	Direction of view	Forward viewing
	Depth of field	2–100 mm
<b>Insertion section</b>	Distal end outer diameter	11.7 mm
	Distal end enlarged	
	Insertion tube outer diameter	11.5 mm
	Working length	L: 1680 mm, I: 1330 mm
<b>Instrument channel</b>	Channel inner diameter	3.2 mm
	Minimum visible distance	3.0 mm from the distal end
	Direction from which endotherapy accessories enter and exit the endoscopic image	



<b>Bending section</b>	Angulation range	Up 180°
		Down 180°
		Right 160°
		Left 160°
<b>Total length</b>	L: 2005 mm I: 1655 mm	
<b>Compatible EVIS EXERA system</b>	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.