

OLYMPUS®

Your Vision, Our Future

EVIS EXERA III

EVIS EXERA III GASTROINTESTINAL VIDEOSCOPE

GIF-HQ190

Amazing image quality for upper GI endoscopy

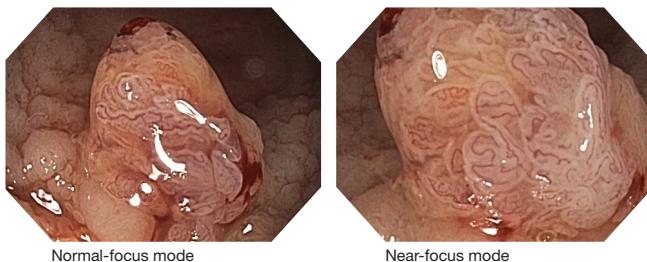


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Dual Focus

Dual Focus, a unique Olympus optical innovation, allows the user to select from two focus settings. With the simple push of a scope button, the desired depth of field for observation can be optimized to either the near field or normal field.

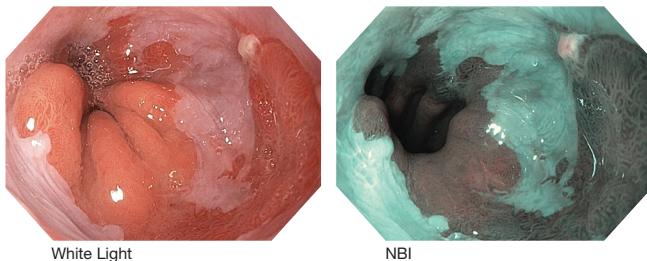


Enhanced Image Quality

Improved optics, a brighter image, increased contrast, reduced noise, and reduced halation are the result of a new CCD available in the EVIS EXERA III, providing superior image quality even during electronic zoom.

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. HD NBI provides contrast, which may aid in the interpretation of mucosal morphology, vascular patterns, and blood vessel appearance in patients with Barrett's esophagus.



Optical System	Field of view	Normal 140°
	Near 140°	
	Direction of view	Forward viewing
	Depth of field	Normal 5-100 mm
		Near 2-6 mm
	Distal end outer diameter	9.9 mm
	Distal end enlarged	
Insertion Section	Air/Water Nozzle	Up
	Up	Light-guide Lens
	Right	Auxiliary Water Channel
	Right	Left
	Objective Lens	Instrument Channel Outlet
	Down	
	Insertion tube outer diameter	9.9 mm
	Working length	1030 mm

Water Jet

EVIS EXERA III 190 Series scopes' forward water jet function is standard on all routine gastrosopes.



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.



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 210° Down 90° Right 100° Left 100°
Total Length		1350 mm
Compatible EVIS EXERA System	Video System Center OLYMPUS CV-190 Xenon Light Source OLYMPUS CLV-190	

Dual Focus images courtesy of Roy Soetikno, MD.
NBI images courtesy of Horst Neuhaus, MD.

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Printed in USA OAIGI0312BRO8801