

OLYMPUS®

Your Vision, Our Future

EVIS EXERA III

EVIS EXERA III GASTROINTESTINAL VIDEOSCOPE

GIF-HQ190

Amazing image quality for upper GI endoscopy



Main Features

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.



Normal focus mode



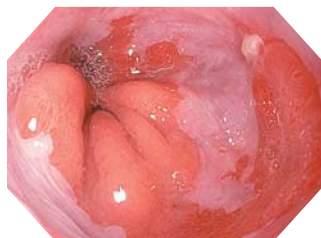
Near focus mode

Enhanced Image Quality

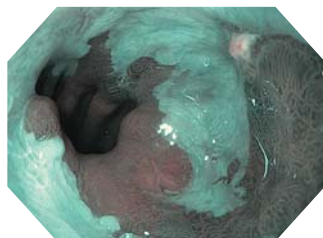
A new level of resolving power is achieved thanks to a new optical system. Significantly less halation and noise is visible on screen. And the pre-freeze function automatically selects the sharpest still images.

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.



White Light



NBI

Water Jet

EVIS EXERA III 190 Series scopes' forward water jet function is standard on all routine gastroscopes. This technology improves procedures and treatment.

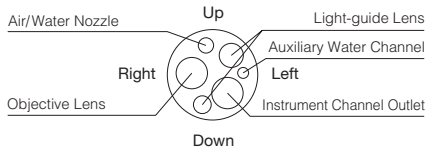


Waterproof One-touch Connector

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.



Specifications

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
Insertion Section	Distal end enlarged	
		
	Insertion tube outer diameter	9.9 mm
	Working length	1030 mm

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 image: Image courtesy of Roy Soetikno, MD
NBI image: Image courtesy of Horst Neuhaus, MD

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