

Colonovideoscope

CF-EZ1500DL/I

Full Focus and High Magnification for Observational Excellence





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EDOF Technology

Our unique Extended Depth of Field (EDOF) technology combines images captured in near view with those taken in far view to generate an image with a wider depth of field that gives you greater clarity and richer detail throughout the image area, assuring superior observation with continuous wide focusing.

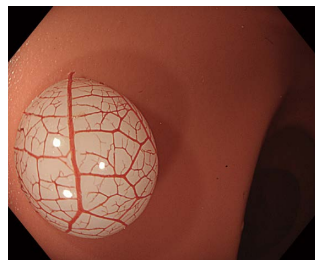
Full Focus

Thanks to EDOF technology, the CF-EZ1500DL/I can approach as close as 3 mm to the subject in normal focus mode, providing a clear, sharp view that may reduce the need to adjust the focus in routine use.

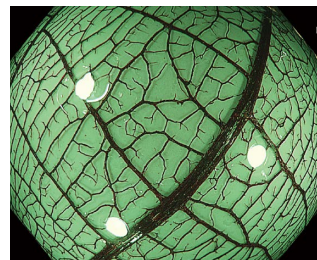
High Magnification with the Ease of Dual Focus

The CF-EZ1500DL/I offers high magnification* when the Near Focus mode is engaged via a simple scope switch, supporting better observation of details. The combination of high magnification and wide depth of field allows for clearer, more detailed imaging throughout the field of view, even from a tangential direction and regardless of whether the subject is moving or not. In combination with our proven NBI technology, the CF-EZ1500DL/I's advanced optics is designed to assist accurate, high-confidence optical diagnosis.

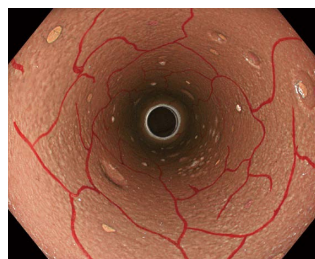
*Maximum magnification of 75x (with OEV262H) and 90x (with OEV321UH)



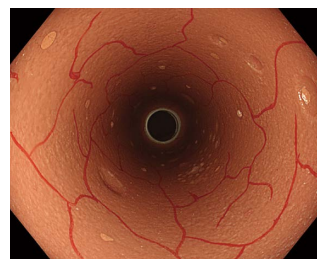
White Light Normal Focus



NBI Near Focus



TXI



White Light

Other Features

- Compatible with TXI, RDI and NBI when connected to CV-1500
- ErgoGrip
- RIT (Responsive Insertion Technology)
- ScopeGuide-ready
- 170° Wide viewing angle
- WaterJet
- Waterproof one-touch connector

Specifications			
Optical System	Field of view	Normal focus mode: 170° Near focus mode: 160°	
	Direction of view	Forward viewing	
	Depth of field	Normal focus mode: 3 - 100 mm Near focus mode: 1.5 - 5.5 mm	
	Distal end outer diameter	ø 13.2 mm	
Insertion Section	Distal end enlarged		
		Up: Light-guide lens, Air/Water nozzle Right: Objective lens Left: Instrument channel outlet Down: Auxiliary water channel	
Instrument Channel	Insertion tube outer diameter	ø 12.8 mm	
	Working length	L: 1680 mm I: 1330 mm	
	Channel inner diameter	ø 3.7 mm	
	Minimum visible distance*	4 mm (Normal focus mode)	
Auxiliary Water Channel	Direction from which EndoTherapy accessories enter and exit the endoscopic image		
	Direction from which water jet appears in the endoscopic image		
Bending Section		Angulation range	Up 180° / Down 180° / Right 160° / Left 160°
Total Length		L: 2005 mm I: 1655 mm	
Compatible System		Video system center OLYMPUS CV-1500	

*Distance from the distal end of the endoscope.



COLONOVideoscope OLYMPUS CF-EZ1500DL/I

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

