OLYMPUS

Your Vision, Our Future

ScopeGuide

SCOPEGUIDE 3

Adding new dimension to colonoscopy.

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With a real time, 3D view of the scope's position inside the body, SopeGuide helps take the guesswork out of colonoscopy.

An exclusive Olympus technology, ScopeGuide's 3D visualisation assists with scope insertion and earlier loop identification. Real-time visualisation allows the endoscopist to see loop formations as the are occurring for quicker and more effective loop managment, without having to rely on guesswork.

ScopeGuide can help optimise scope handling, which may shorten procedure times and minimise patient discomfort, even during difficult colonoscopies.

Built-in electromagnetical coils

Award-winning technology to help procedural efficiency.

ScopeGuide's real-time visualisation is made possible through built-in electromagnetic coils in the scope that generate a pulsed, low-frequency magnetic field. These pulses are transmitted to an external reveiver dish and then relayed to the processor to generate a 3D representation of the scope alongside the endoscopic image. This image provides the endoscopist with the precise positioning and orientation of the scope during the procedure.

Compact design for easy mobility.

Thin, compact, and unobstrusive, the ScopeGuide system's receiver dish does not get in the way during the procedure.The dish is conveniently mounted to a roll stand for easy positioning and maneuverability.

Real-time 3D imaging for enhanced visualisation.

By seeing the shape of the entire scope as it moves through the body, ScopeGuide provides additional visual information that is particularly helpful during difficult colonoscopies.

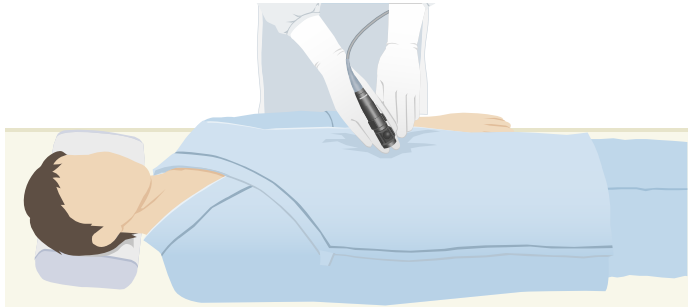
The endoscopist can evaluate the extent of looping and get a better sense of which rotational maneuvers will be required to straighten out various loop formations that can occur during colonoscopy.

Olympus technology with ScopeGuide visualisation for exeptional performance.

ScopeGuide-dedicated endoscopes, including the high-definition CF-HQ190L/I and CF-H180DL/I, as well as the standard-definition CF-Q160DL/I, deliver Olympus' reowned optics along with its proprietary Variable Stiffness technology, for high imaging performance and good maneuverability.

Identification of scope position to assist in loop management.

Via an external hand coil, ScopeGuide can help identify the optimal location for abdominal pressure. By moving the hand coil across the patient's abdomen, an assistant can locate the precise position of the scope relative to the patient's body and then apply hand pressure to the abdomen as needed.



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ScopeGuide system

UPD-3

Dimensions	370 mm (W) x 482 mm (D) x 81 mm (H)
Weight	9 kg
Output magnetic field strength	Complies with IEEE C95.1.2005+A1:2010
Video signal output	XGAx1, Y/Cx1, SD-SDIx1
Rated voltage	100-240 V AC
Rated input	110 VA
Rated frequenzy	50/60 Hz

Receiver dish (MAJ-1868)

Dimensions	256 mm (H) x 256 mm (W) x 31 mm (D)
Weight	800 g

Note: Install the receiver dish (MAJ-1868) to the receiver dish stand (MAJ-1907).
For installation of the receiver dish to any other stand, contact Olympus.

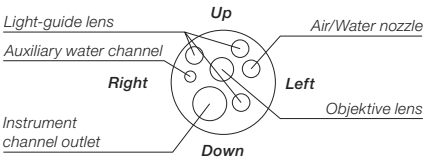
Receiver dish stand (MAJ-1907)

Dimensions	1.270 mm (H) x 468 mm (W) x 448 mm (D)
Weight	10 kg

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: 5 – 100 mm
		Near focus mode: 2 – 6 mm
Insertion section	Distal end outer diameter	13.2 mm
	Insertion tube outer diameter	12.8 mm
	Working length	L: 1680 mm, I: 1330 mm
Bending section	Angulation range	Up 180°, Down 180°, Right 160°, Left 160°
Total length		L: 2005 mm, I: 1655 mm
Instrument channel	Channel inner diameter	3.7 mm
	Minimum visible distance	4.0 mm (normal) from the distal end
	Direction from which EndoTherapy accessories enter and exit the endoscopic image	
Compatible EVIS EXERA system	Video system center OLYMPUS CV-190	
	Xenon light source OLYMPUS CLV-190	

CF-HQ190L/I



Accessories

Hand Coil (MAJ-1859)

Dimensions	ø 24 mm x 150 mm (L)
Weight	110 g
Length of the cord	2500 mm

Note: Install the receiver dish (MAJ-1868) to the receiver dish stand (MAJ-1907).
For installation of the receiver dish to any other stand, contact Olympus.

Remote control (MAJ-1890)*

Dimensions	76 mm (W) x 140 mm (D) x 23 mm (H)
Weight	280 g
Length of the cord	2900 mm

Position Detecting Probe (MAJ-1300)*

Maximum insertion portion diameter	2.9 mm
Total Length	3500 mm
Detection Length	940 mm

This device is not available in all markets.
*Optionally available

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

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