ScopeGuide System

UPD-3

Dimensions: 236 mm (L) x 102 mm (W) x 40 mm (H)
Weight: 3 kg

Optical magnification: 108 x
Field of view: 1.5 mm
Sick signal input: EN 50147, 48/80/93/G4
Cable length: 1.5 m
Power supply: AC 100-240 VAC

Receiver Dish (MAJ-1868)

Dimensions: 249 mm (L) x 243 mm (W) x 107 mm (H)
Weight: 638 g

Note: Always use the designated receiver dish to ensure proper operation and functionality.
For maintenance of the receiver dish by your dealer, contact Olympus.

Specifications

Optical System
- Field of view: 1.5 mm
- Direction of view: Forward viewing
- Depth of field: 2 to 188 mm

Diameter
- Outer diameter: 16.0 mm
- Inner diameter: 2.7 mm

Working Length
- Total Length: 1,600 mm, 1,500 mm
- Instrument channel length: 1,200 mm

Operational Range
- Minimum usable distance: 5 mm from the distal end
- Distal range accuracy: within ±0.1% position in depth of view

Remote Control (MAJ-1890)*

Dimensions: 110 mm (L) x 40 mm (H)
Weight: 160 g

Cable Length: 10.0 m
Tracking range: 2.2 mm
Maximum distance between the instrument and control: 5000 mm

Position Detecting Probe (MAJ-1891)*

This device is not available in all markets.

CF-H1860DL/I

Adding a new dimension to colonoscopy

For more information, contact your local Olympus sales representative or visit www.olympusamerica.com
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With a real-time, 3D view of the scope’s position inside the body, ScopeGuide helps take the guesswork out of colonoscopy.

An exclusive Olympus technology, ScopeGuide’s 3D visualization assists with scope insertion and earlier loop identification. Real-time visualization allows the endoscopist to see loop formations as they are occurring for quicker and more effective loop management, without having to rely on guesswork. ScopeGuide can help optimize scope handling, which may shorten procedure times and minimize patient discomfort, even during difficult colonoscopies.

Award-winning technology to help procedural efficiency

ScopeGuide’s real-time visualization 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 receiver 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 unobtrusive, 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 visualization

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 visualization for exceptional performance

ScopeGuide dedicated endoscopes, including the high-definition CF-H180DI/L and the CF-Q160DI/L series colonoscopes, deliver Olympus’ renowned optics along with Innoflex, its proprietary variable stiffness technology, for exceptional imaging performance and 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.

See how ScopeGuide can add a new dimension to your endoscopy practice.