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.

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

**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.

**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.

**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.

### 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

#### Insertion Section
- **Distal end outer diameter**
  - 9.9 mm
- **Distal end enlarged**
  - Air/Water Nozzle
  - Light-guide Lens
  - Auxiliary Water Channel
  - Objective Lens
  - Up
  - Right
  - Down
  - Left
- **Instrument Channel Outlet**
  - Up
  - Down
  - Left
  - Right
- **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

#### Bending Section
- **Angulation range**
  - Up 210°
  - Down 90°
  - Right 100°
  - Left 100°

#### Total Length
- 1350 mm

#### Compatible EXERA System
- Video System Center OLYMPUS CV-190
- Xenon Light Source OLYMPUS CLV-190

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