**EVIS EXERA III GASTROINTESTINAL VIDEOSCOPE**

**OLYMPUS GIF-H190**

**HDTV Image Quality**

HDTV image quality delivers high-definition observation capabilities, even in a new, slimmer scope design.

![Image of EVIS EXERA III GIF-H190 scope](image1.jpg)

**Water Jet**

EVIS EXERA III 190 Series scopes' forward water jet function is standard on all routine gastroscopes.

![Image of water jet](image2.jpg)

**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.

![Image of one-touch connector](image3.jpg)

**NBI (Narrow Band Imaging)**

NBI in EVIS EXERA III 190 Series scopes provides twice the viewable distance of EVIS EXERA II 180 Series scopes. HD NBI provides contrast, which may aid in the interpretation of mucosal morphology, vascular patterns, and blood vessel appearance in patients with Barrett's esophagus.

![White Light and NBI images](image4.jpg)

**Slim Design**

This scope offers an excellent balance of size and performance, with HDTV image quality in a slim 9.2 mm diameter size.

![Slim Design image](image5.jpg)

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**Optical System**

<table>
<thead>
<tr>
<th>Field of view</th>
<th>140º</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth of field</td>
<td>2-100 mm</td>
</tr>
</tbody>
</table>

**Insertion Section**

| Distal end outer diameter | 9.2 mm |

**Instrument Channel**

<table>
<thead>
<tr>
<th>Channel inner diameter</th>
<th>2.8 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum visible distance</td>
<td>3.0 mm from the distal end</td>
</tr>
</tbody>
</table>

**Bending Section**

<table>
<thead>
<tr>
<th>Angulation range</th>
<th>Up 210º</th>
</tr>
</thead>
<tbody>
<tr>
<td>Down 90º</td>
<td></td>
</tr>
<tr>
<td>Right 100º</td>
<td></td>
</tr>
<tr>
<td>Left 100º</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Length</th>
<th>1350 mm</th>
</tr>
</thead>
</table>

**Compatible EVIS EXERA System**

- Video System Center OLYMPUS CV-190
- Xenon Light Source OLYMPUS CLV-190

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Image courtesy of Roy Soetikno, MD.

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