EVIS LUCERA ELITE VIDEOCOLONOSCOPE

PCF-H290TL/I

High-definition colonoscope facilitating endoscopic treatment through excellent maneuverability
**Specifications**

**Optical System**
- Field of view (Maximum diagonal angle): 140°
- Direction of view: 0° (Forward viewing)
- Depth of field: 5-100 mm

**Insertion Section**
- Distal end outer diameter: 9.8 mm
- Distal end enlarged
- Insertion tube outer diameter: 10.5 mm
- Working length: L: 1680 mm, R: 1330 mm

**Instrument Channel**
- Channel inner diameter: 3.2 mm

**Instrument Channel**
- Minimum visible distance: 4 mm from the distal end
- Direction of view from which endotherapy accessories enter and exit the endoscopic image

**Water Jet**
- Direction of water jet in field of view

**Bending Section**
- Angulation range: Up 210°, Down 180°, Right 160°, Left 160°

**Total Length**
- L: 2005 mm, R: 1655 mm

**Compatible EVIS LUCERA System**
- Video System Center OLYMPUS CV-290
- Xenon Light Source OLYMPUS CLV-290SL, CLV-290

**Main Features**

- **Short bending for better access to lesions**
  With a shorter bending section, the PCF-H290TL/I provides better handling in the intestine. Combined with the 210° up angulation, the scope offers easier lesion approachability.

- **Appropriate channel layout**
  The layout allows for smooth operation of both the water-jet function and any treatment such as stopping bleeding.

- **HDTV and NBI**
  With its HDTV image quality and brighter NBI, the PCF-H290TL/I contributes to higher treatment accuracy. High confidence optical diagnosis facilitates appropriate treatment decisions and accurate delineation of lesions.

- **Improved insertability**
  The PCF-H290TL/I incorporates unique proprietary OLYMPUS technologies, realizing easier scope insertion with minimized patient discomfort.

**White Light**
Appropriate channel layout
- The layout allows for smooth operation of both the water-jet function and any treatment such as stopping bleeding.

**EVIS LUCERA ELITE VIDEOCOLONOSCOPE OLYMPUS PCF-H290TL/I**

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