EVIS LUCERA ELITE COLONOVideoscope
PCF-H290ZL/I
High-definition optical magnification combined with enhanced maneuverability
**Main Features**

**HDTV and NBI (Narrow Band Imaging)**
With its HDTV image quality, the PCF-H290ZL/I enables clear views of the mucosal surface. Combined with the brighter NBI, mucosal tissue and capillary networks are enhanced, to further support detailed observation.

**Wide Viewing Angle**
A 170° wide-angle field of view is now achieved. This can help physicians to detect mucosal changes more rapidly with less need for angulation.

**RIT (Responsive Insertion Technology)**
RIT combines three proprietary insertion tube technologies in EVIS LUCERA ELITE 290 Series scopes. These technologies are designed to facilitate complete colonoscopies by improving scope handling, insertability and ergonomics.

**Waterproof One-touch Connector**
The 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.

**Specifications**

**Optical System**
- Field of view: Wide: 170°/Tele: 85°
- Direction of view: Forward viewing
- Depth of field: Wide: 7 to 100 mm/Tele: 1 to 2 mm

**Insertion Section**
- Distal end outer diameter: 11.7 mm
- Insertion tube outer diameter: 11.8 mm
- Working length: L: 1680 mm I: 1330 mm

**Instrument Channel**
- Channel inner diameter: 3.2 mm
- Minimum visible distance: 3.0 mm from the distal end

**Water Jet Channel**
- Direction from which the water jet enters the endoscopic image

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

**Total Length**
- L: 2005 mm I: 1655 mm

**Compatible EVIS LUCERA System**
- EVIS LUCERA ELITE VIDEO SYSTEM CENTER OLYMPUS CV-290
- EVIS LUCERA ELITE XENON LIGHT SOURCE OLYMPUS CLV-290SL, CLV-290

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