New Generation Endoscope System

7000 SYSTEM NEW

ELUXEO

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http://www.fujifilm.com/products/medical/

FUJIFILM
Welcome to BLI & LCI World

- Superior Diagnosis
- Superior Usability

BLI: Blue Light Imaging
LCI: Linked Color Imaging
Superior Diagnosis

Multi-Light Technology
High-intensity 4 LED lights are controlled independently with high accuracy. Blue LED creates short wavelength light, Red/Green/Blue LED are combined as white light. Short wavelength light and white light are invented on 7000 system.
**1 BLI (Blue Light Imaging)**

Colonic images with BLI and White Light mode.

- **Colon**
  - BLI mode: High-contrast images suitable for observing microvascular and microsurface pattern are provided. Magnifying endoscopy is excellent with BLI.
  - White Light mode: Bright, sharp, and stereoscopic images are accomplished with similar color tones to Xenon light source. Mega-pixel CMOS enables high-definition and quite low-level noise compatible.

- **Esophagus**
  - BLI mode:

**2 LCI (Linked Color Imaging)**

Stomach images with LCI and White Light mode.

- **Stomach**
  - White Light mode: LCI would be helpful for detection with surface pattern and vessels. Slight color difference is visualized with natural tone, using “Red” component.
  - LCI mode:

**Observation modes can be switched by scope button.**

- **White Light** → **BLI** → **BLI-bright**
- **White Light** → **LCI**
- **White Light** → **LCI** → **BLI** → **BLI-bright**

Scope button “a” enables observation modes to be switched in the default setting.
3 Wide 170° field of view

Wide 170° field of view is available with EC-760R-V. Even areas that are hard to observe such as the reverse side of folds could be observed and approached smoothly.

4 Megapixel CMOS + HDTV output

High-definition images with quite low noise level are established by Megapixel CMOS sensor. It allows superior visualization for Full HD display.

5 Multi Zoom

Multi Zoom function are equipped on EG-760Z / EC-760ZEP-V. With Continuous mode, Step Zoom mode of "2 Step", "3 Step" and "5 Step" are available. In this modes, images can be magnified in stages by simple press of button.

*When using a 26-inch HD LCD monitor

<table>
<thead>
<tr>
<th>Magnification</th>
<th>Normal</th>
<th>Low</th>
<th>Middle</th>
<th>High</th>
<th>Maximum (x155°)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous</td>
<td></td>
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<tr>
<td>Step zoom</td>
<td>2 Step</td>
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<td>3 Step</td>
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<td></td>
<td>5 Step</td>
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</tbody>
</table>

Magnification Images

Low

Middle

Maximum
Superior Usability

1. Flexibility Adjuster

- Flexibility Adjuster is equipped on EC-760R-V and EC-760ZP-V.
- The flexibility of insertion tube can be adjusted with adjustment ring.

2. G7 control portion

3. One Step Connector

- Advanced Force Transmission
- Adaptive Bending

Advanced Force Transmission

- The flexible portion is designed to transmit operator’s movements, pushing, pulling and rotating, to the distal end of endoscope.
- Passing the sigmoid colon
- In deep insertion

Adaptive Bending

- The end of flexible portion is soft, allowing the scope to bend with the angulations. Flexible portion is elastic, and easy to return to its straight shape after passing through angulations.
- Passing the angulations
- After passing through angulations
② G7 control portion

G7 control portion is developed from ergonomics point of view.
Scope has a rounded surface to fit the hand, and button layout makes intuitive operation possible.

Labels attached to the control portion, which show the model number and instrument channel inlet size.

③ One Step Connector with Contact-free Technology

Scopes can be connected to light source in just 1 step operation.
Scope cable connection is no longer required in setting up. One Step Connector enhances efficiency of clinical workflow.

Contact-free Technology

This’s the generic name of below 3 points. It means connectors do not need to touch to transmit power and image data.
By this technology, durability and reliability of scopes is expected to improve.

◆ Power feed: Wireless electrical supply ◆ a
◆ Image transmission: High speed optical laser ◆ b
◆ Remote signal infrared (IR) LED ◆ c

④ Wide compatibility to conventional endoscope

Compatible with 700 series, 600 / 500 series endoscopes.

600/500 endoscopes can be used with White light and FICE mode.
* FICE - Flexible spectral Imaging Color Enhancement

⑤ Low-energy, long-lasting and bright light source

When compared to standard xenon light sources, the LED light source* consumes about a third of the energy and lasts longer.
Life time of the 4 LED light is expected for 6 years based on Fujifilm evaluation condition.
Intensity of BLI-7000 qualifies that of 300W Xenon lamp.

*The warranty period is 1 year after date of purchase.
### Upper G.I. tract scopes

**EG-760R**
- **Field of view**: 140°
- **Viewing direction**: 0° (Frontal)
- **Observation range**: 1.5~100 mm
- **Bending capability**: UP: 210° DOWN: 180°
- **Working length**: 1,330 mm
- **Dial end diameter**: 9.8 mm
- **Flexible portion diameter**: 9.8 mm
- **Minimum instrument channel diameter**: 2.8 mm
- **Image size**: Super Image
- **Product name**: Video Endoscope
  - **Generic name**: Flexible video gastroduodenoscope
  - **GMDN**: 38405

**EG-760Z**
- **Field of view**: Normal: 140° Close: 55°
- **Viewing direction**: 0° (Frontal)
- **Observation range**: 1.5~100 mm
- **Bending capability**: UP: 210° DOWN: 180°
- **Working length**: 1,400 mm
- **Dial end diameter**: 9.8 mm
- **Flexible portion diameter**: 9.8 mm
- **Minimum instrument channel diameter (Stainless Steel)**: 2.8 mm
- **Image size**: Super Image
- **Product name**: Video Endoscope
  - **Generic name**: Flexible video gastroduodenoscope
  - **GMDN**: 38405

### Lower G.I. tract scopes

**EC-760R-V/M, I, L**
- **Field of view**: 190°
- **Viewing direction**: 0° (Frontal)
- **Observation range**: 2~150 mm
- **Bending capability**: UP: 210° DOWN: 180°
- **Working length**: 1,330 mm (1,250 mm / 1,045 mm)
- **Total length**: 1,490 mm (1,415 mm / 1,210 mm)
- **Dial end diameter**: 12.0 mm
- **Flexible portion diameter**: 10.0 mm
- **Maximum instrument channel diameter**: 5.6 mm
- **Image size**: Super Image
- **Product name**: Video Endoscope
  - **Generic name**: Flexible video colonoscope
  - **GMDN**: 36117

**EC-760ZP-V/M, L**
- **Field of view**: Normal: 140° Close: 55°
- **Viewing direction**: 0° (Frontal)
- **Observation range**: 15~100 mm
- **Bending capability**: UP: 210° DOWN: 180°
- **Working length**: 1,330 mm (1,250 mm / 1,045 mm)
- **Total length**: 1,490 mm (1,415 mm / 1,210 mm)
- **Dial end diameter**: 12.5 mm
- **Flexible portion diameter**: 11.8 mm
- **Minimum instrument channel diameter**: 3.2 mm
- **Image size**: Super Image
- **Product name**: Video Endoscope
  - **Generic name**: Flexible video colonoscope
  - **GMDN**: 36117

### New Accessories (Valve, Tank)

- **For routine examination**
  - **Air / Water Valve**: AW-603
  - **Suction Valve**: SB-605
  - **Water Tank**: WT-603

- **Used with CO2 Regulator “GW-100”**
  - **Air / Water Valve**: AW-604G
  - **Water Tank**: WT-604G