The 700 Series Zoom Endoscopes provide more detailed visualization with its 135 x Multi-Zoom* feature, allowing for deeper analysis of mucosal structures. It has a small bending radius among other enhancements, and comes equipped with CMOS technology and the One-Step Connector.

**UPPER GI ENDOscopy**

**ZOOM GASTROSCOPE EG-760Z**

*When used with a 19 inch LCD monitor.

The 700 Series Zoom Gastroscope provides more detailed visualization with its 135 x Multi-Zoom* feature, allowing for deeper analysis of mucosal and vascular patterns. Like the standard colonoscope, it features the full range of functionalities including the flexibility adjuster.

**LOWER GI ENDOscopy**

**ZOOM COLONOSCOPE EC-760ZP-V/L**

*When used with a 19 inch LCD monitor.

The 700 Series Zoom Colonoscope features the brilliant and easy-to-operate Multi-Zoom* with 135 x maximum magnification. Together with BLI, this technology enhances visibility of mucosal and vascular patterns. Like the standard colonoscope, it features the full range of functionalities including the flexibility adjuster.
EXPLORE, MORE

optimal results in illumination

4-LED MULTI-LIGHT TECHNOLOGY

As one of the world’s largest imaging companies, our long-standing experience in medical imaging has allowed Fujifilm’s engineers to develop a 4-LED Multi-Light technology, fulfilling the need for enhanced visualization in endoscopy.

The ideal output combination of four individual LEDs has been developed to achieve optimal results in illumination, including White Light as well as the new special light observation modes BLI (Blue Light Imaging) and LCI® (Linked Color Imaging).

Illumination Spectrum Profile (White Light)

Illumination Spectrum Profile (BLI)

Short wavelength light around 410nm is considered to be strongly absorbed by hemoglobin.

PRODUCT SPECIFICATIONS

700 Series Standard Endoscopes

UPPER GI ENDOSCOPY

STANDARD GASTROSCOPE EG-760R

This 700 Series standard Gastroscope is equipped with CMOS technology and provides high definition images and videos for daily practice. Close focus allows observation from as little as 2 mm in depth.

Field of view 140°
Viewing direction 0° (Forward)
Observation range 2~100 mm
Bending capability UP: 210° RIGHT: 100° LEFT: 100°
Working length 1,400 mm
Total length 1,400 mm
Distal end diameter 9.2 mm
Flexible portion diameter 9.3 mm
Minimum instrument channel diameter 2.8 mm
Image size Super image

LOWER GI ENDOSCOPY

STANDARD COLONOSCOPE EC-760R-V/L

With a 170° wide field of view and a large 3.8 mm working channel diameter, the EC-760R-V/L is the ultimate routine colonoscope. It features the Flexibility Adjuster, which provides you with a broader range of flexibility to adapt to your preference and intubation techniques. In addition, it has a slim diameter of 12.0 mm and it includes both CMOS technology and close focus optics.

Field of view 170°
Viewing direction 0° (Forward)
Observation range 2~100 mm
Working length 1,690 mm
Total length 2,010 mm
Distal end diameter 12.0 mm
Flexible portion diameter 12.0 mm
Minimum instrument channel diameter 3.8 mm
Image size Super image
Flexibility Adjustment Available
DO, MORE
offering comfort and control

G7 CONTROL PORTION
The layout and size of the control portion and the angulation knobs are positioned to increase accessibility from the grip. The G7 grip is designed to have an easy and comfortable feel that optimizes performance and minimizes stress during clinical procedures.

FLEXIBILITY ADJUSTER
The Flexibility Adjuster allows the user to adjust the stiffness of the flexible portion of the scope according to preference.*

BLUE LIGHT IMAGING (BLI)
Focusing on the characteristics of short wavelength absorption of hemoglobin (at 410 nm), BLI outputs a high intensity ratio of blue-violet light, allowing for high contrast imaging of microvessels.1

LINKED COLOR IMAGING (LCI®)
Through combination of light spectrum enhancement and advanced signal processing, LCI differentiates the red color spectrum, enhancing mucosal visualization.1

EXPLORE, MORE
image enhanced endoscopy

With an extended life expectancy of six years2, our new LED light source minimizes time-consuming and costly light bulb replacements, compared with conventional Xenon lamps.

1. BLI and LCI are not intended to replace histopathological sampling as a means of diagnosis.
2. Based on OEM manufacturers and Fujifilm evaluation.

*The Flexibility Adjuster feature applies only to the EC-760R-V/L and EC-760ZP-V/L Endoscopes.
SEE, MORE
exceptional quality in imaging

700 SERIES ENDOSCOPES

With Fujifilm’s leading-edge CMOS technology, the CMOS image sensor chip is built directly into the tip of the scope. The signal is digitally transmitted through the device, reducing susceptibility to outside noise and providing outstanding high-resolution imaging.

170° FIELD OF VIEW*

Featuring an expanded 170° Field of View*, visualize more difficult-to-observe areas with ease.

CLOSE FOCUS OPTICS

With the 700 Series close focus optical system, capture images with exceptional quality as close as 2 mm, with less peripheral distortion.

CMOS TECHNOLOGY

High-resolution and smooth moving image quality is achieved with the CMOS-supported 60 frame progressive scanning technology, less affected by motion blur than the interlaced scanning method.

Positioned at the endoscope tip, the CMOS chip quickly transforms the analog signal to digital, ensuring noiseless and brilliant image transmission.

MULTI-ZOOM TECHNOLOGY*

Multi-Zoom* delivers a maximum optical magnification of 135x** to provide a highly detailed image of the mucosal surface and vascular patterns. Users can choose between the 2-, 3- or 5-step modes, or continuous zoom mode to meet individual needs.

CONTACT-FREE TECHNOLOGY

Our 700 Series Endoscopes are the first to incorporate an integrated wireless power supply that provides high speed transmission of data. This new contact-free technology helps to simplify the cleaning process and also reduces the potential for accidental damage.

DO, MORE
enhancing clinical workflow efficiencies

ONE-STEP CONNECTOR

The One-Step Connector is easily plugged in with just one step. Attaching a separate video connector is no longer required in setup, enhancing the efficiency of clinical workflow.

CONTACT-FREE TECHNOLOGY

▶ Remote signal: infrared [IR] LED a
▶ Power feed: Wireless electrical supply b
▶ Image transmission: High speed optical laser c

Light source Scope a b c
SEE, MORE
exceptional quality in imaging

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DO, MORE
offering comfort and control

G7 CONTROL PORTION
The layout and size of the control portion and the angulation knobs are positioned to increase accessibility from the grip. The G7 grip is designed to have an easy and comfortable feel that optimizes performance and minimizes stress during clinical procedures.

Each 700 Series Endoscope displays the information required to choose compatible accessories, which helps to facilitate on-the-spot decision making.

FLEXIBILITY ADJUSTER
The Flexibility Adjuster allows the user to adjust the stiffness of the flexible portion of the scope according to preference.*

*The Flexibility Adjuster feature applies only to the EC-760R-V/L and EC-760ZP-V/L Endoscopes.

EXPLORE, MORE
image enhanced endoscopy

BLUE LIGHT IMAGING (BLI)
Focusing on the characteristics of short wavelength absorption of hemoglobin (at 410 nm), BLI outputs a high intensity ratio of blue-violet light, allowing for high contrast imaging of microvessels.¹

With an extended life expectancy of six years², our new LED light source minimizes time-consuming and costly light bulb replacements, compared with conventional Xenon lamps.

1. BLI and LCI are not intended to replace histopathological sampling as a means of diagnosis.
2. Based on OEM manufacturers and Fujifilm evaluation.

LINKED COLOR IMAGING (LCI®)
Through combination of light spectrum enhancement and advanced signal processing, LCI differentiates the red color spectrum, enhancing mucosal visualization.³

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1. BLI and LCI are not intended to replace histopathological sampling as a means of diagnosis.
2. Based on OEM manufacturers and Fujifilm evaluation.
UPPER GI ENDOSCOPY
STANDARD GASTROSCOPE EG-760R

This 700 Series standard Gastroscope is equipped with CMOS technology and provides high definition images and videos for daily practice. Close focus allows observation from as little as 2 mm in depth.

Field of view: 140°
Viewing direction: 0° (Forward)
Observation range: 2 ~ 100 mm
Bending capability: UP: 210° DOWN: 90° RIGHT: 100° LEFT: 100°
Working length: 1,400 mm
Total length: 1,690 mm
Distal end diameter: 9.2 mm
Flexible portion diameter: 9.3 mm
Minimum instrument channel diameter: 2.8 mm
Image size: Super image

LOWER GI ENDOSCOPY
STANDARD COLONOSCOPE EC-760R-V/L

With a 170° wide field of view and a large 3.8 mm working channel diameter, the EC-760R-V/L is the ultimate routine colonoscope. It features the Flexibility Adjuster, which provides you with a broader range of flexibility to adapt to your preference and intubation techniques. In addition, it has a slim diameter of 12.0 mm and it includes both CMOS technology and close focus optics.

Field of view: 170°
Viewing direction: 0° (Forward)
Observation range: 2 ~ 100 mm
Working length: 1,690 mm
Total length: 2,010 mm
Distal end diameter: 12.0 mm
Flexible portion diameter: 12.0 mm
Minimum instrument channel diameter: 3.8 mm
Image size: Super image
Flexibility Adjustment: Available

4-LED MULTI-LIGHT TECHNOLOGY

As one of the world’s largest imaging companies, our long-standing experience in medical imaging has allowed Fujifilm’s engineers to develop a 4-LED Multi-Light technology, fulfilling the need for enhanced visualization in endoscopy.

The ideal output combination of four individual LEDs has been developed to achieve optimal results in illumination, including White Light as well as the new special light observation modes BLI (Blue Light Imaging) and LCI® (Linked Color Imaging).

Illumination Spectrum Profile (White Light)
Short wavelength light around 410nm is considered to be strongly absorbed by hemoglobin.

Illumination Spectrum Profile (BLI)
Short wavelength light around 410nm is considered to be strongly absorbed by hemoglobin.
**UPPER GI ENDOSCOPY**

**ZOOM GASTROSCOPE EG-760Z**

The 700 Series Zoom Gastroscope provides more detailed visualization with its 135 x Multi-Zoom* feature, allowing for deeper analysis of mucosal structures. It has a small bending radius among other enhancements, and comes equipped with CMOS technology and the One-Step Connector.

- **Field of view**: Normal: 140° Close: 56°
- **Viewing direction**: 0° (Forward)
- **Observation range**: Normal: 1.5 – 100 mm Close: 1.5 – 2.5 mm
- **Bending capability**: UP: 210° RIGHT: 100° LEFT: 100°
- **Working length**: 1,100 mm
- **Total length**: 1,400 mm
- **Distal end diameter**: 9.9 mm
- **Flexible portion diameter**: 9.8 mm
- **Minimum instrument channel diameter**: 2.8 mm
- **Image size**: Super image

*When used with a 19 inch LCD monitor.

**LOWER GI ENDOSCOPY**

**ZOOM COLONOSCOPE EC-760ZP-V/L**

The 700 Series Zoom Colonoscope features the brilliant and easy-to-operate Multi-Zoom* with 135 x maximum magnification. Together with BLI, this technology enhances visibility of mucosal and vascular patterns. Like the standard colonoscope, it features the full range of functionalities including the flexibility adjuster.

- **Field of view**: Normal: 140° Close: 56°
- **Viewing direction**: 0° (Forward)
- **Observation range**: Normal: 1.5 – 100 mm Close: 1.5 – 2.5 mm
- **Bending capability**: UP: 210° RIGHT: 100° LEFT: 100°
- **Working length**: 1,690 mm
- **Total length**: 2,010 mm
- **Distal end diameter**: 11.7 mm
- **Flexible portion diameter**: 11.8 mm
- **Minimum instrument channel diameter**: 3.2 mm
- **Image size**: Super image
- **Flexibility Adjustment**: Available

*When used with a 19 inch LCD monitor.

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Working together with you, Fujifilm makes innovation meaningful to redefine the state of your current endoscopic practice.

Our ELUXEO® endoscopic video imaging system combined with the new 700 Series line of endoscopes provide physicians with the ability to achieve advanced visualization and illumination in endoscopy.
Table of Contents

Introduction ................................................................. Page 3
ELUXEO® Video Imaging System .................................. Page 4 - 5
4-LED Multi-Light Technology ...................................... Page 4
Blue Light Imaging (BLI) ................................................. Page 5
Linked Color Imaging (LCI®) .......................................... Page 5
Extended Lamp Life ....................................................... Page 5

700 Series Endoscopes ................................................ Page 6 - 8
CMOS Technology ......................................................... Page 6
Wide Field of View ....................................................... Page 6
Close Focus Optics ........................................................ Page 6
Multi-zoom Technology ................................................. Page 6
One-step Connector ....................................................... Page 7
Contact-free Technology .............................................. Page 7
G7 Control Portion ....................................................... Page 8
Flexibility Adjuster ....................................................... Page 8

Product Specifications .................................................. Pages 9 - 11
700 Series Endoscopes: Standard ................................ Page 9
700 Series Endoscopes: Zoom ...................................... Page 10
VP-7000 Video Processor ............................................. Page 11
BL-7000 Light Source .................................................. Page 11

PRODUCT SPECIFICATIONS

VP-7000 VIDEO PROCESSOR

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>100-240V, 50/60Hz</td>
</tr>
<tr>
<td>Current consumption</td>
<td>0.8-0.5A</td>
</tr>
<tr>
<td>Type of color</td>
<td>NTSC/PAL</td>
</tr>
<tr>
<td>Video output</td>
<td>DVI (Resolution: 1280x1024 pixels, 1920x1080 pixels)</td>
</tr>
<tr>
<td></td>
<td>HD-SDI (Resolution: 1920x1080 pixels)</td>
</tr>
<tr>
<td>Iris mode</td>
<td>AUTO/PEAK/AVE</td>
</tr>
<tr>
<td>Image zoom</td>
<td>Electronic zoom x1.00 to x2.00 (0.05 steps)</td>
</tr>
<tr>
<td>Compatible endoscopes</td>
<td>700 Series Endoscopes, 600 Series Endoscopes, 500 Series Endoscopes</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>15.4” x 4.3” x 19.1” (including projection)</td>
</tr>
<tr>
<td>Weight</td>
<td>19.8lbs</td>
</tr>
</tbody>
</table>

1. The BLI/LCI special light observation modes are compatible with the 700 Series Endoscopes (EG-760R, EG-760R-V/W, EC-760Z, EC-760ZP-V/W).

BL-7000 LIGHT SOURCE

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>100-240V, 50/60Hz</td>
</tr>
<tr>
<td>Current consumption</td>
<td>1.2-0.7A</td>
</tr>
<tr>
<td>Air supply pump</td>
<td>HI/MID/LOW/OFF</td>
</tr>
<tr>
<td>Light cooling method</td>
<td>Forced air cooling</td>
</tr>
<tr>
<td>Maximum air/water supply pressure</td>
<td>65 kPa</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>15.4” x 6.1” x 19.1” (including projection)</td>
</tr>
<tr>
<td>Weight</td>
<td>26.5lbs</td>
</tr>
</tbody>
</table>

The VP-7000 Video Processor and BL-7000 Light Source are part of the ELUXEO® system.

Intended Use:

The VP-7000 unit is used for endoscopic observation, diagnosis, treatment, and image recording. It is intended to process electronic signals transmitted from a video endoscope (a video camera in an endoscope). This product may be used on all patients requiring endoscopic examination and also when using a Fujinon/FUJIFILM medical endoscope and light source together with monitor, recorder and various peripheral devices. BLI (Blue Light Imaging), LCI® (Linked Color Imaging) and FICE (Flexible spectral-imaging Color Enhancement) are adjunctive tools for gastrointestinal endoscopic examination. They can be used to supplement Fujifilm White Light endoscopy. BLI, LCI and FICE are not intended to replace histopathological sampling as a means of diagnosis.
The next-generation endoscopic video imaging system

ELUXEO®
Light. Redefined.

FUJIFILM Corporation | 26-30, NISIAZABU 2-CHOME, MINATO-KU, TOKYO 106-8620, JAPAN

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