



**Your Reliable Partner for Service and Support**

Your ELUXEO advanced visualization system and 700 Series Endoscopes come with the assurance of a cost-effective, easy-to-use and maintain system backed by a partner with industry-proven reliability and support. Fujifilm values its partnership with customers, ensuring service and support that's expert, reliable, fast, and efficient from purchase through needed scope repairs for the life of your product – because improved outcomes are achieved with a partner that Gives You More to help optimize your performance.

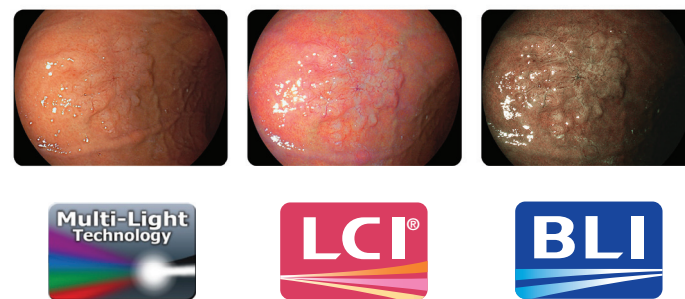
**Intended Use:**

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.

**FUJIFILM**  
Value from Innovation

**ELUXEO**<sup>®</sup>  
The next-generation endoscopic  
video imaging system

**Light. Redefined.**



**FUJIFILM**  
Value from Innovation

1.800.385.4666 | [www.fujifilmendoscopy.com](http://www.fujifilmendoscopy.com) | [www.fujifilmhealthcare.com](http://www.fujifilmhealthcare.com)

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FUJIFILM Medical Systems USA, Inc. Endoscopy | 81 Hartwell Avenue, Suite 300, Lexington, MA 02421 | Copyright 2019, All Rights Reserved. | ELX.013118-.1.01

# ELUXEO® Light. Redefined.

As an endoscopist practicing in today's healthcare environment, you're continually challenged to do more with less: less people, less funding, less time. At Fujifilm, we partner with you to help you achieve efficiencies from your scope system, by providing meaningful innovations that help support your efforts to improve outcomes for your patients.

Our innovative ELUXEO® endoscopic video imaging system, combined with the new 700 Series line of endoscopes, provide physicians with the ability to achieve advanced visualization that can help enhance detection and characterization of polyps, lesions, and adenomas.



## PRODUCT SPECIFICATIONS<sup>1</sup>

### VP-7000 VIDEO PROCESSOR



Power	100-240V, 50/60Hz
Current consumption	0.8-0.5A
Type of color	NTSC/PAL
Video output	DVI (Resolution: 1280x1024 pixels, 1920x1080 pixels) HD-SDI (Resolution: 1920x1080 pixels)
Iris mode	AUTO/PEAK/AVE
Image zoom	Electronic zoom x1.00 to x2.00 (0.05 steps)
Dimensions (W x H x D)	15.4" x 4.3" x 19.1" (including projection)
Weight	19.8lbs

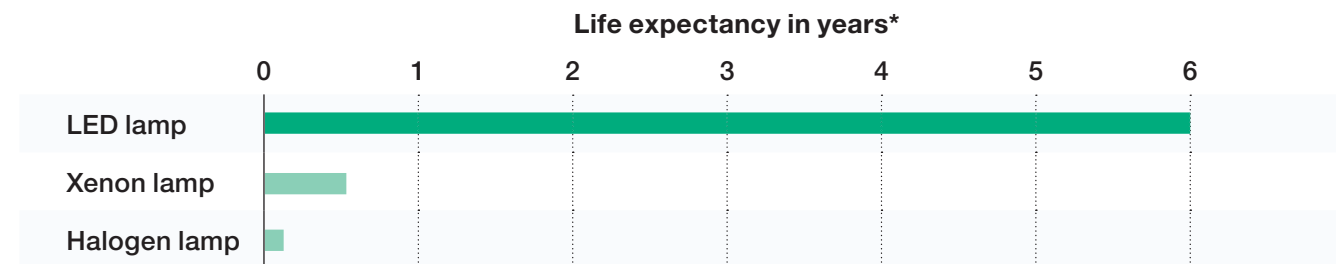
### BL-7000 LIGHT SOURCE



Power	100-240V, 50/60Hz
Illumination type	LEDs
Light cooling method	Forced air cooling
Air supply pump	HI/MID/LOW/OFF
Current Consumption	1.2-0.7A
Maximum air/water supply pressure	65 kPa
Dimensions (W x H x D)	15.4" x 6.1" x 19.1" (including projection)
Weight	26.5lbs

## VALUE OF LED TECHNOLOGY

With an extended life expectancy of up to six years<sup>2</sup>, our new LED light source minimizes time-consuming and costly light bulb replacements, compared with conventional Xenon lamps.



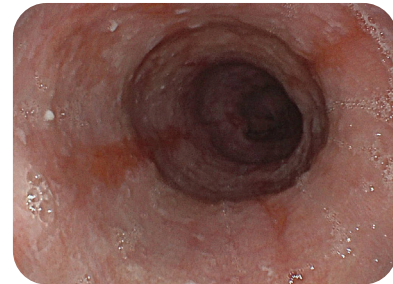
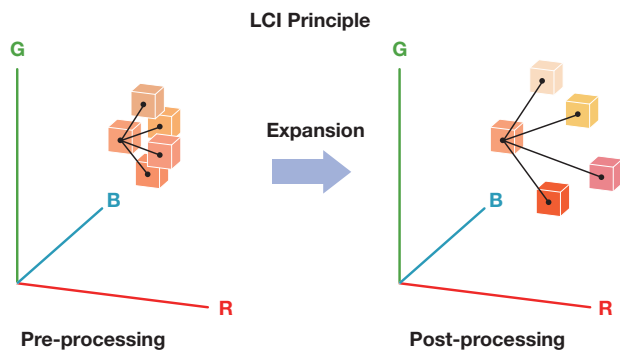
1. The VP-7000 Video Processor and BL-7000 Light Source are part of the ELUXEO® system, and are compatible with the 700, 600, and 500 Series Endoscopes  
2. Based on OEM manufacturers and Fujifilm evaluation.

# DISCOVER MORE

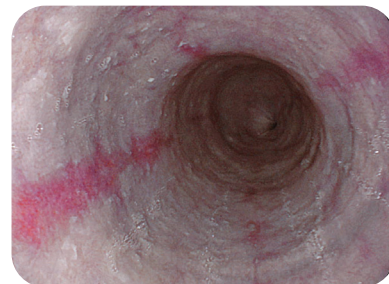
image enhanced endoscopy

## LINKED COLOR IMAGING (LCI®)

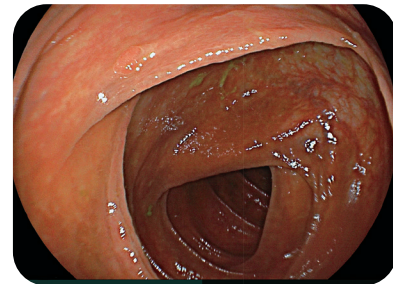
Through a combination of light spectrum enhancement and advanced signal processing, LCI differentiates the red color spectrum, enhancing mucosal visualization. LCI is designed to help improve detection as compared to WLI, at the touch of a button.<sup>1</sup>



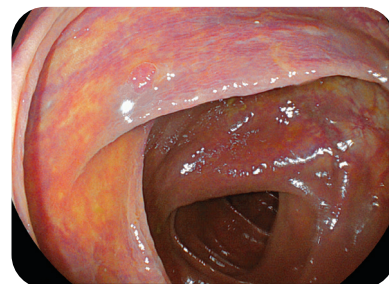
Esophagus - White Light Imaging



Esophagus - LCI  
(Linked Color Imaging)



Colon - White Light Imaging

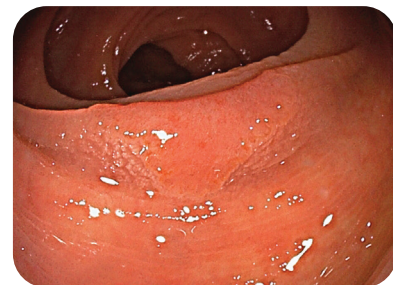


Colon - LCI

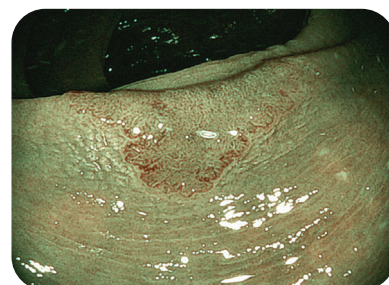


## BLUE LIGHT IMAGING (BLI)

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 at the touch of a button.<sup>1</sup>



Colon - White Light Imaging



Colon - BLI  
(Blue Light Imaging)



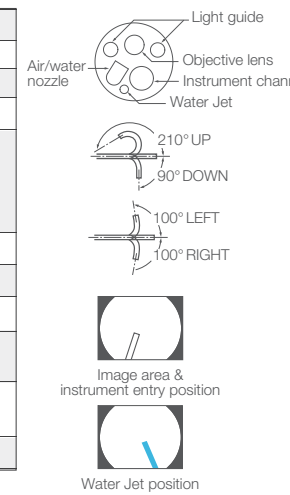
## PRODUCT SPECIFICATIONS

### 700 Series Upper GI Endoscopes

#### STANDARD GASTROSCOPE: EG-760R



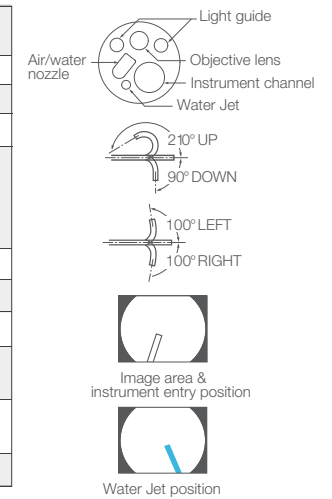
Category	Multi-Purpose
Field of view	140°
Viewing direction	0° (Forward)
Observation range	2 ~ 100 mm
Bending capability	UP: 210° DOWN: 90° RIGHT: 100° LEFT: 100°
Working length	1,100 mm
Total length	1,400 mm
Distal end diameter	9.2 mm
Flexible portion diameter	9.3 mm
Minimum instrument channel diameter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



#### TREATMENT GASTROSCOPE: EG-760CT



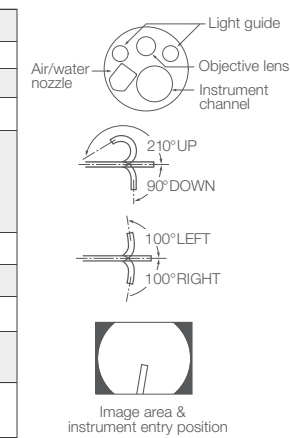
Category	Multi-Purpose Therapeutic
Field of view	140°
Viewing direction	0° (Forward)
Observation range	2 ~ 100 mm
Bending capability	UP: 210° DOWN: 90° RIGHT: 100° LEFT: 100°
Working length	1,100 mm
Total length	1,400 mm
Distal end diameter	10.5 mm
Flexible portion diameter	10.8 mm
Minimum instrument channel diameter	3.8 mm
Image type	CMOS



#### ULTRA-SLIM GASTROSCOPE: EG-740N



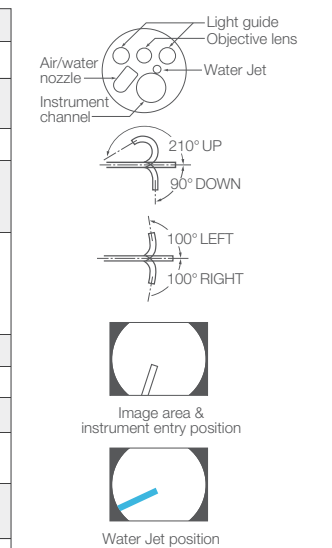
Category	Ultra Slim
Field of view	140°
Viewing direction	0° (Forward)
Observation range	Normal: 3 ~ 100 mm
Bending capability	UP: 210° DOWN: 90° RIGHT: 100° LEFT: 100°
Working length	1,100 mm
Total length	1,400 mm
Distal end diameter	5.8 mm
Flexible portion diameter	5.9 mm
Minimum instrument channel diameter	2.4 mm
Image type	Super CCD



#### ZOOM GASTROSCOPE: EG-760Z



Category	Zoom
Zoom range	up to 135x
Field of view	Normal: 140° Close: 56°
Viewing direction	0° (Forward)
Observation range	1.5 ~ 100 mm Normal: 3 ~ 100 mm Close: 1.5 ~ 2.5 mm <sup>1</sup>
Bending capability	UP: 210° DOWN: 90° 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 type	CMOS



<sup>1</sup>. BLI and LCI are not intended to replace histopathological sampling as a means of diagnosis.

<sup>1</sup>. When used with a 19 inch LCD monitor.

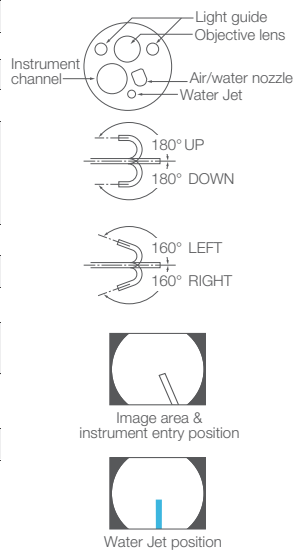
# PRODUCT SPECIFICATIONS

## 700 Series Lower GI Endoscopes

### STANDARD COLONOSCOPE: EC-760R-V/L



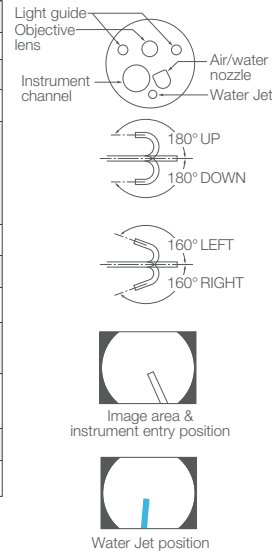
Category	Routine
Field of view	170°
Viewing direction	0° (Forward)
Observation range	2 ~ 100 mm
Bending capability	UP: 180° DOWN: 180° RIGHT: 160° LEFT: 160°
Working length	1,690 mm
Total length	2,010 mm
Distal end diameter	12.0 mm
Flexible portion diameter	12.0 mm
Minimum instrument channel diameter	3.8 mm
Image type	CMOS
Flexibility Adjustment	Available



### SLIM COLONOSCOPE: EC-760P-V/L



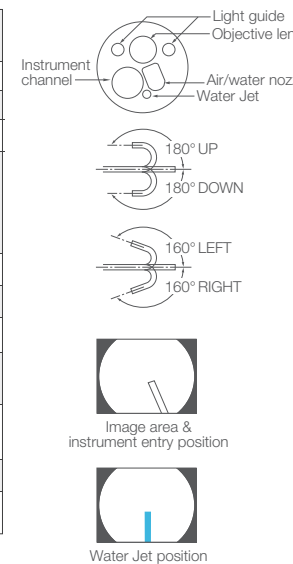
Category	Slim/Soft Routine
Field of view	170°
Viewing direction	0° (Forward)
Observation range	2~100 mm
Bending capability	UP: 180° DOWN: 180° RIGHT: 160° LEFT: 160°
Working length	1,690 mm
Total length	2,010 mm
Distal end diameter	11.1 mm
Flexible portion diameter	11.5 mm
Minimum instrument channel diameter	3.2 mm
Image size	CMOS
Flexibility Adjustment	Available



### TREATMENT COLONOSCOPE: EC-760S-V/L



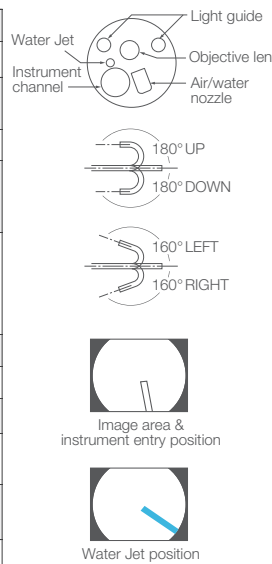
Category	Adult
Field of view	170°
Viewing direction	0° (Forward)
Observation range	2 ~ 100 mm
Bending capability	UP: 180° DOWN: 180° RIGHT: 160° LEFT: 160°
Working length	1,690 mm
Total length	2,010 mm
Distal end diameter	12.8 mm
Flexible portion diameter	12.8 mm
Minimum instrument channel diameter	3.8 mm
Image type	CMOS
Flexibility Adjustment	Available



### ZOOM COLONOSCOPE: EC-760ZP-V/L



Category	Zoom
Zoom Range	up to 135x
Field of view	Normal: 140° Close: 56°
Viewing direction	0° (Forward)
Observation range	1.5 ~ 100 mm Normal: 3 ~ 100 mm Close: 1.5 ~ 2.5 mm <sup>1</sup>
Bending capability	UP: 180° DOWN: 180° RIGHT: 160° LEFT: 160°
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 type	CMOS
Flexibility Adjustment	Available



# EXPLORE MORE

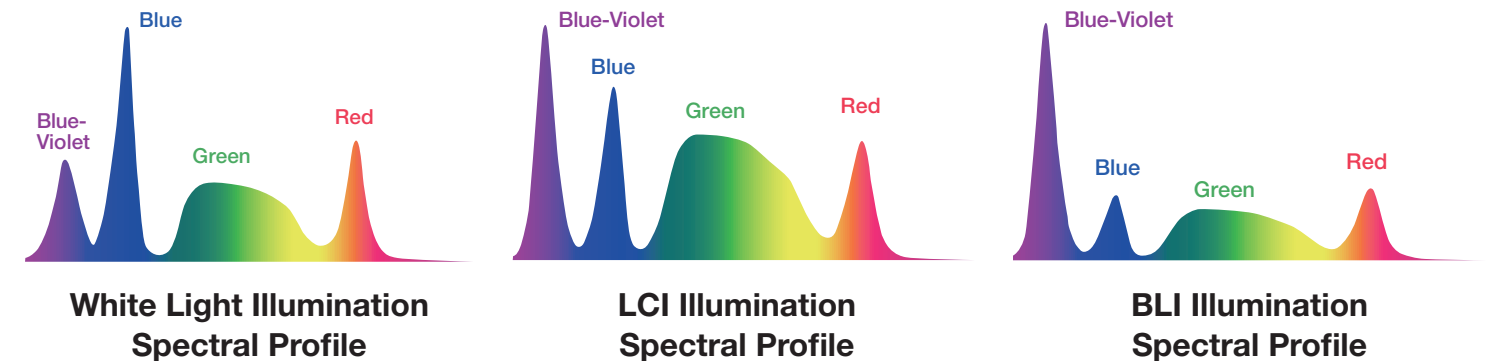
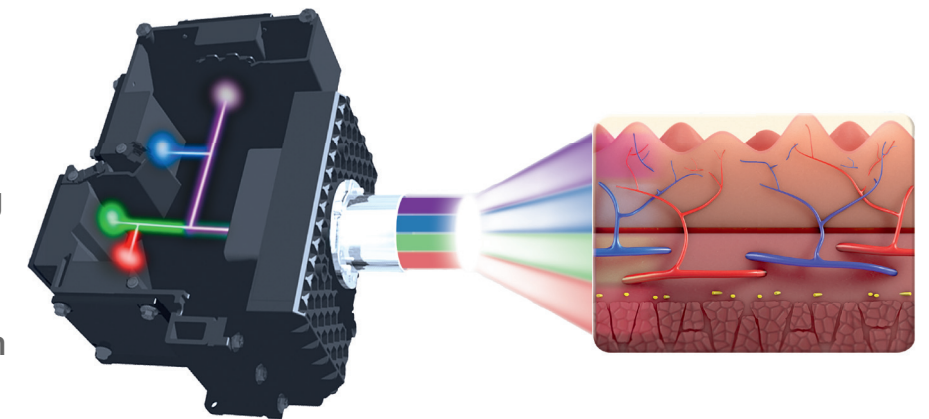
optimal results in illumination



## 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 Imaging as well as Linked Color Imaging (LCI<sup>®</sup>) and Blue Light Imaging (BLI) light observation modes.



# DO MORE

enhancing clinical workflow efficiencies

## ONE-STEP CONNECTOR FOR EFFICIENCY

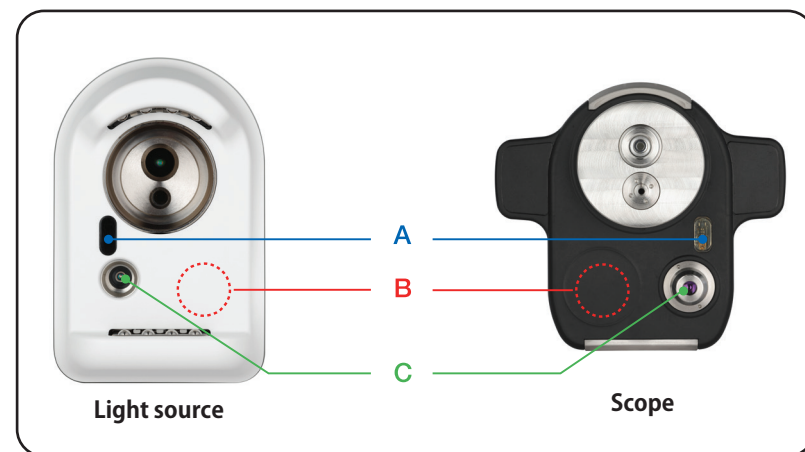
The One-Step Connector is easily plugged in with just one step. Attaching a separate video connector is no longer required in setup, enhancing the efficiency of clinical workflow.



## DURABLE CONTACT-FREE TECHNOLOGY

Fujifilm's 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.

- A ▶ Remote signal: infrared [IR] LED
- B ▶ Power feed: Wireless electrical supply
- C ▶ Image transmission: High speed optical laser

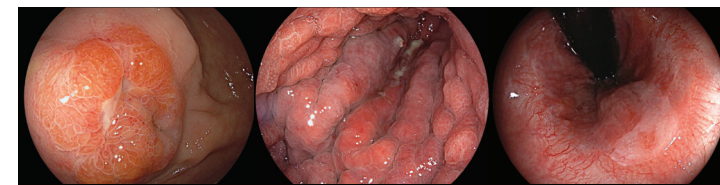


# SEE MORE

exceptional quality in imaging

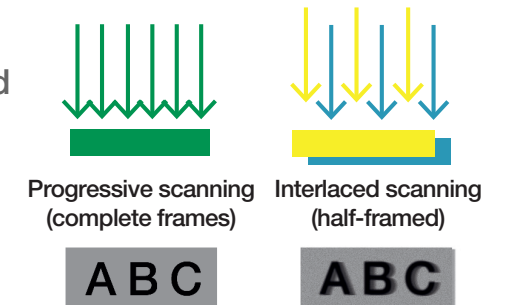


With Fujifilm's leading-edge CMOS technology, the CMOS image sensor chip is built directly into the tip of all ELUXEO 760 Series endoscopes. The signal is digitally transmitted through the device, reducing susceptibility to outside noise and providing outstanding high-resolution imaging.



## CMOS TECHNOLOGY

Positioned at the endoscope tip, the CMOS chip quickly transforms the analog signal to digital<sup>1</sup>, ensuring noiseless and brilliant image transmission. High-resolution and smooth moving image quality is achieved with 60 frame progressive scanning technology, less affected by motion blur than the interlaced scanning method.



## OPTICAL MULTI-ZOOM TECHNOLOGY

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



# EXPERIENCE THE POWER OF MORE

Fujifilm's ELUXEO series of endoscopes offers a unique combination of visualization, access, comfort, and control that combines to create an unparalleled experience in the endoscopy suite.

## EXCEPTIONAL MANEUVERABILITY

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.

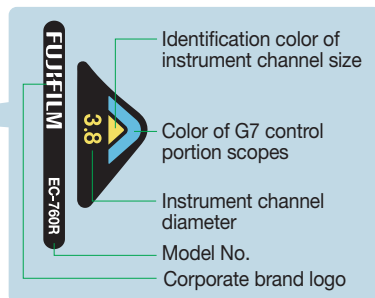


## SMOOTH WORKING CHANNEL

Working channels on ELUXEO upper and lower GI endoscopes offer 2.4mm to 3.8mm minimal instrument channel diameters to accommodate a wide variety of devices and facilitate smooth device passage and exchange.

## EASY INSTRUMENT IDENTIFICATION

Each 700 Series endoscope displays the information required to choose compatible accessories, helping to facilitate on the spot decision making.



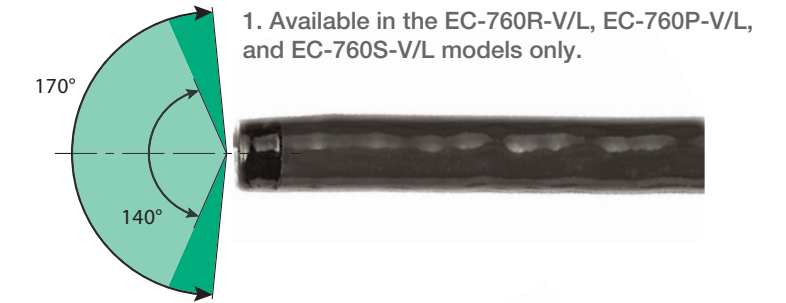
## CLOSE FOCUS OPTICS

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



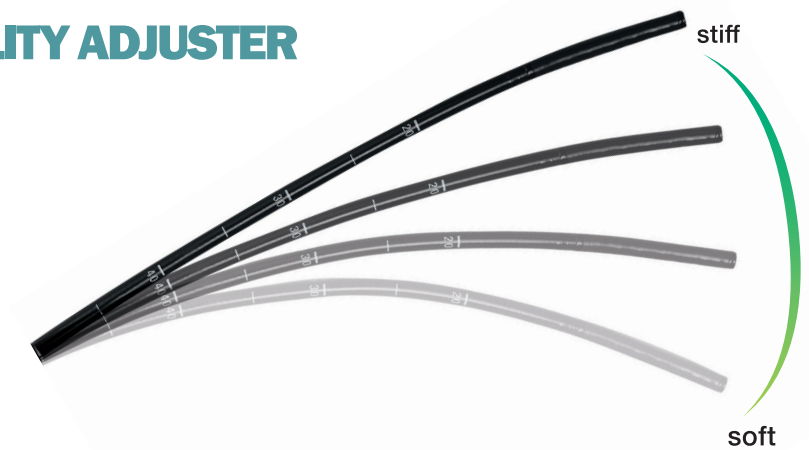
## 170° FIELD OF VIEW

Featuring an expanded 170° Field of View<sup>1</sup>, visualize more difficult- to-observe areas with ease.



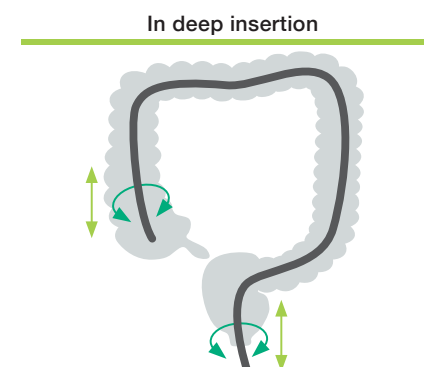
## CONTROL WITH FLEXIBILITY ADJUSTER

The Flexibility Adjuster on Fujifilm's colonoscopes allows physicians to adjust the stiffness of the flexible portion of the scope to accommodate preference as they navigate anatomy.



## ADVANCED FORCE TRANSMISSION

The flexible portion is designed to transmit the pushing, pulling and rotating movements from the hand to the distal end of the endoscope, which is designed to provide enhanced maneuverability inside the digestive tract.



## ADAPTIVE BENDING

The end of the bending section is soft, allowing the scope to follow the natural contours of the intestinal tract. The flexible bending section has been designed to return more easily to its straight form after passing through the tight curves of the colon.

