



# **GASTROENTEROLOGY – FROM SCREENING TO TREATMENT**

**FUJIFILM**  
Value from Innovation



**FUJIFILM**  
Value from Innovation

**CONTENT**

About Fujifilm	4–5
Technologies	6–13
ELUXEO™ 700 Series	14–23
G-EYE featuring ELUXEO™	24–25
CAD EYE	26–27
600 Series	28–29
580 Series	30–32
medwork ERCP solutions	33
Double Balloon Endoscopy System	34–37
530 Series	38–41
Video Processors & Light Sources	42–45
Ultrasonography Systems	46–49
Monitors	50–51
Service & Partnership	52–53
Recommendations	54–55





# IMPROVING YOUR DAILY WORK WITH OUR INNOVATIVE SOLUTIONS\*



\* Learn more about our innovative AI technology at [www.cadeye.eu](http://www.cadeye.eu).

## HEALTHCARE

**Fujifilm is renowned as one of the world's largest imaging companies, pioneering high-definition diagnostic imaging and information systems for healthcare facilities and medical institutions.**

Our clinically proven products and technologies are continuously being developed and refined to make the work of health professionals more effective and efficient.

At Fujifilm we are constantly innovating and creating new solutions that address the practical needs of our global customers in various business fields including healthcare, graphics systems, optical devices, recording media and photographic technologies.

Every year we invest around seven percent of our consolidated turnover in research and development including dedicated research and the nurturing of close working relationships with international specialists. This ensures that we not only meet high-quality requirements but also contribute to the advancement of culture, science, industry and technology as well as improved health and environmental protection in society.

Today, Fujifilm operates in around 50 group companies and branches in Europe, employing over 4,500 people engaged in R&D, manufacturing, sales, and service support.

## ENDOSCOPY

**As one of the leading companies in the development of endoscope technology, Fujifilm is always striving to provide high quality products, excellent services and highly customised business solutions in endoscopy.**

We regularly set new benchmarks in the industry, for example, with the introduction of the LED Multi Light™ technology providing the observation modes LCI and BLI, with devices for double balloon endoscopy and endoscopic ultrasound systems.

Fujifilm's broad range of therapeutic devices from polypectomy to ERCP features the versatile Clutch Cutter as well as the effective medwork Flamingo device to meet the therapeutic challenges of the buried bumper-syndrome and many other tools.

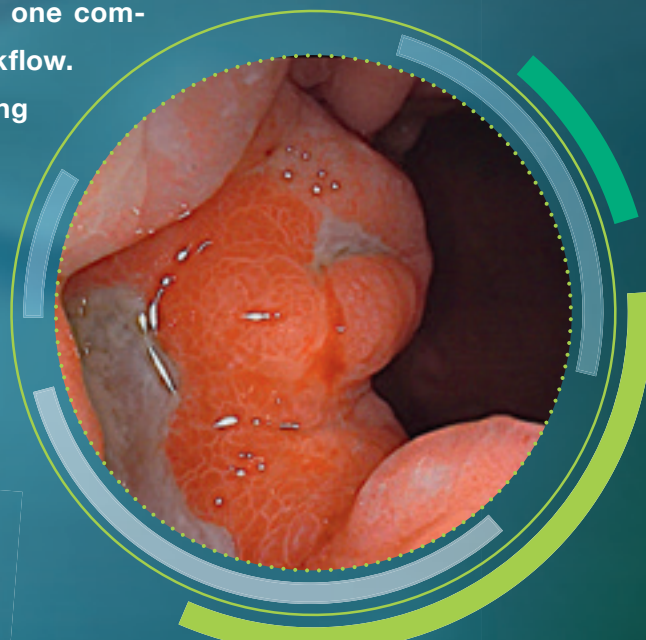
The focus at Fujifilm is firmly on holistic patient care which means that our service portfolio includes expert technical assistance, a comprehensive range of hygiene products and individual consulting.



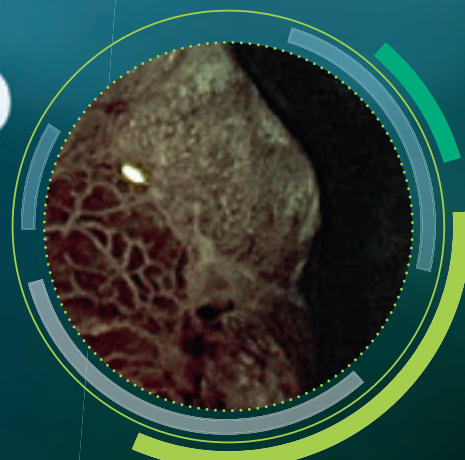
# DEVELOPING TECHNOLOGIES BEYOND THE EXPECTED

Fujifilm's comprehensive portfolio of advanced solutions meets a wide range of diagnostic and therapeutic endoscopic requirements and by linking these technologies we can provide you with excellent possibilities. One example is the combination of specialised applications, such as double balloon endoscopy and endoscopic ultrasound, in one complete system which enables you to streamline your workflow. In addition, the continuous enhancement of imaging technologies ensures high precision and excellent quality.

Our overarching aim is to help improve the quality of life of people worldwide through early detection and successful treatment of disease.



White Light



FICE + E-Zoom

## SELECTION OF OUR TECHNOLOGIES



### MULTI LIGHT™ TECHNOLOGY

Illumination suitable for observation using variable LED light intensity.



### COLOASSIST TECHNOLOGY

Flexible adjustment to be expected for easier insertion in addition to advanced force transmission and adaptive bending.



### LCI TECHNOLOGY

Increased contrast in red colour leads to improved visibility of abnormalities, inflammation and delineation.



### DICOM TECHNOLOGY

The goal of the DICOM Standard is to achieve compatibility and improve workflow efficiency between imaging systems and other information systems.



### BLI TECHNOLOGY

The combination of special light wavelengths results in improved contrast imaging for characterisation.



### SMART BEND TECHNOLOGY

Provides excellent manoeuvrability, observation and therapeutic treatments from 210° up-angulation and a small bending radius.



### CAD EYE

Supports colonic polyp detection and characterisation during colonoscopy, utilising AI technology.



### MULTI ZOOM TECHNOLOGY

Easy-to-control optical magnification in stepwise or continuous magnification mode.



### CMOS TECHNOLOGY

Brilliant image transmission with reduced noise thanks to a CMOS-chip positioned directly in the tip.



### ANTI-BLUR FUNCTION

The clearest image among multiple images is automatically selected.



### FICE TECHNOLOGY

Provides the possibility to enhance slight colour differences such as vascular and mucosal patterns without tissue staining. The procedure digitally selects three wavelengths of light and displays reconstructed images.



### CLOSE FOCUS

Observation up to 2 mm supports diagnosis of the disease.



### SUPER CCD TECHNOLOGY

The Super CCD and high-performance optical system provides high-quality images.



### HD TECHNOLOGY

Combine equipment displaying this logo to ensure that you view HDTV images on your monitor.



### SEE MORE. DETECT MORE.

Achieving improved diagnostic and therapeutic results in endoscopic procedures is highly dependent on image quality. As one of the world's largest imaging companies, our long-standing experience in medical imaging has allowed Fujifilm's engineers to develop Multi Light™ technology, fulfilling the need for improved visualisation in endoscopy – today and in the future. This illumination system meets high brightness and contrast standards enabling the observation modes LCI and BLI. Specifically designed for this illumination system, the ELUXEO™ 700 series of endoscopes featuring Multi Zoom and Freeze function provides detailed high-resolution imaging for both diagnosis and pre-therapeutic assessment.

#### IMPROVED ILLUMINATION USING VARIABLE LED LIGHT INTENSITY

**Integrated Light Source**

**Mucosa**  
**Submucosa**

**Haemoglobin absorption**  
**BLI Spectrum Profile**  
Short wavelength light around 410 nm is absorbed by haemoglobin more strongly

**BLI (Blue Light Imaging)**

**White Light**

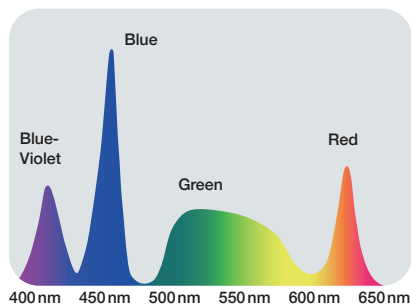
- A high-performance spectrum of light is generated from a powerful light source with four individual LED light bulbs.
- Enhanced visualisation of haemoglobin, and thus blood vessels, is generated by the high peak intensity of short-wavelength light (blue-violet and blue).
- Specific light spectrum settings targeting the mucosal layers result in improved contrast and higher definition of imaging.

This drawing is for illustration only and not a complete representation.

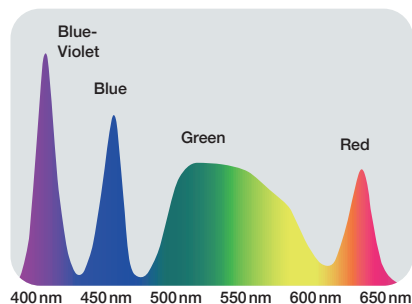


High-intensity illumination based on Multi Light™ technology creates high-quality images with White Light Imaging and the observation modes LCI and BLI. With the involvement of numerous clinical experts, the ideal composition of four LEDs for each observation mode has been developed to achieve excellent results in illumination. With a simple push of a button, you can easily switch between the following observation modes:

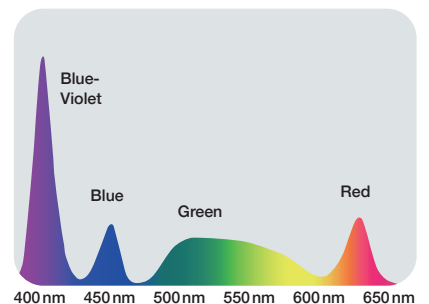
#### WHITE LIGHT IMAGING



#### LCI MODE

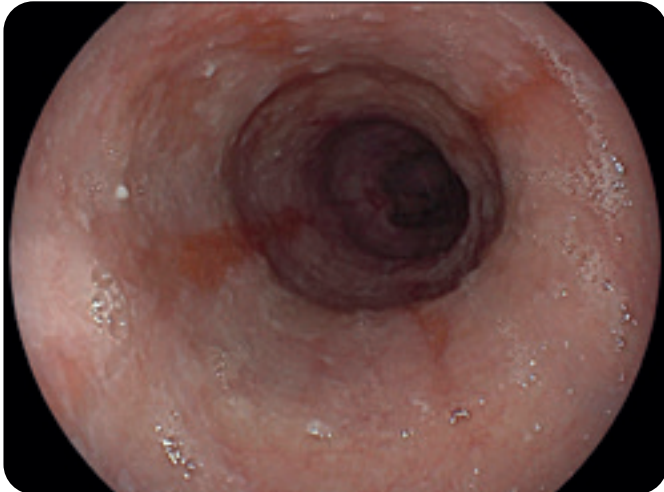


#### BLI MODE

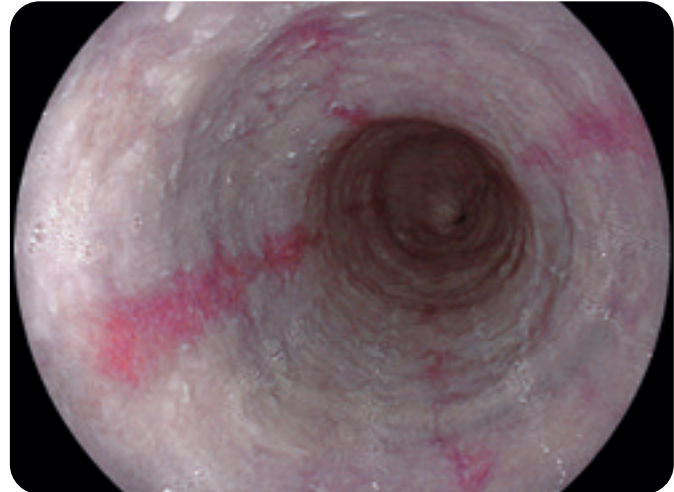


## LCI (LINKED COLOR IMAGING) MODE

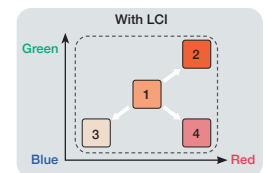
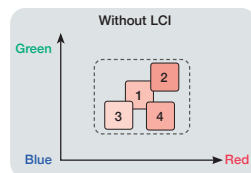
LCI differentiates the red colour spectrum more effectively than White Light Imaging thanks to its preprocess composition of light spectrum and advanced signal processing. The increased colour contrast in red colour leads to improved visibility of abnormalities, inflammation and delineation.



Oesophagus – White Light Imaging

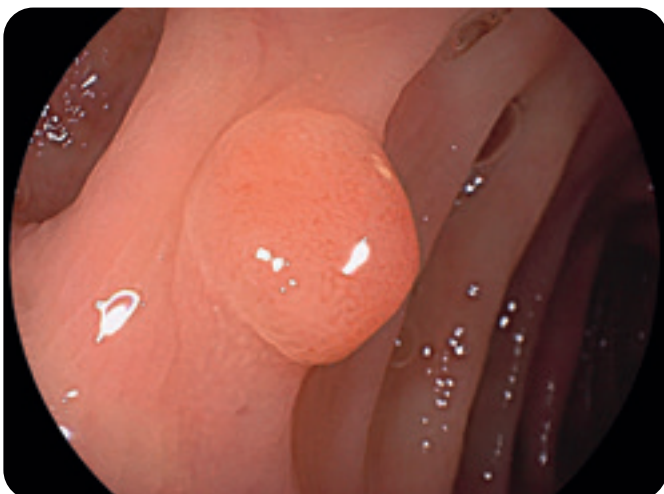


Oesophagus – LCI Mode

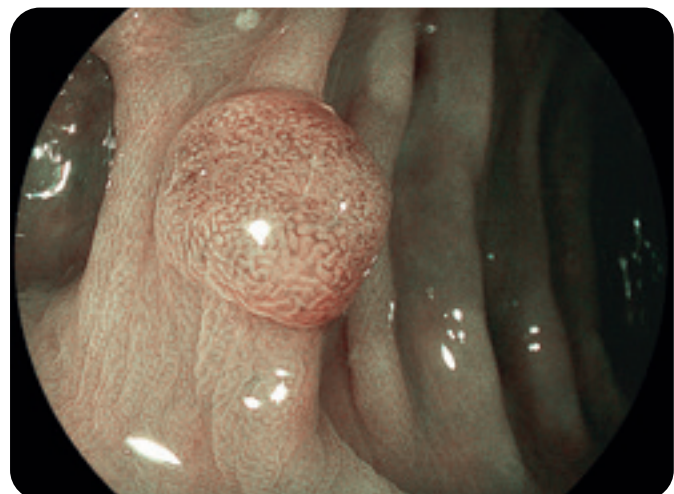


## BLI (BLUE LIGHT IMAGING) MODE

High-intensity contrast imaging with BLI is expected to be helpful for improved visualisation of superficial vascular and mucosal patterns. Focussing on the characteristics of short wavelength absorption of haemoglobin (at 410nm) combined with specific white light spectral colours results in improved contrast imaging.



Colon – White Light Imaging



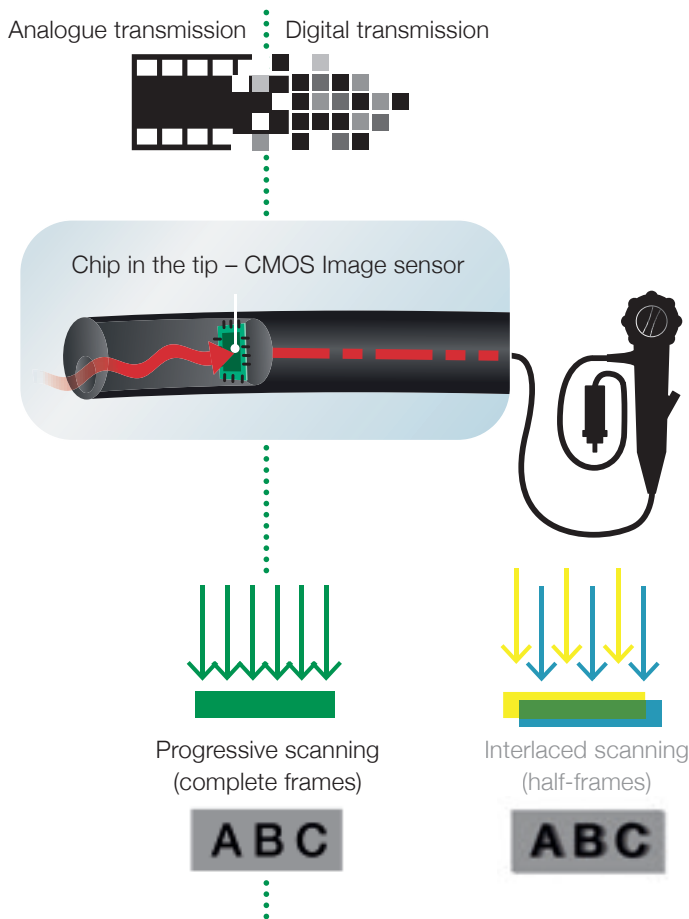
Colon – BLI Mode



### FUJIFILM'S CMOS TECHNOLOGY WITH MEGAPIXEL

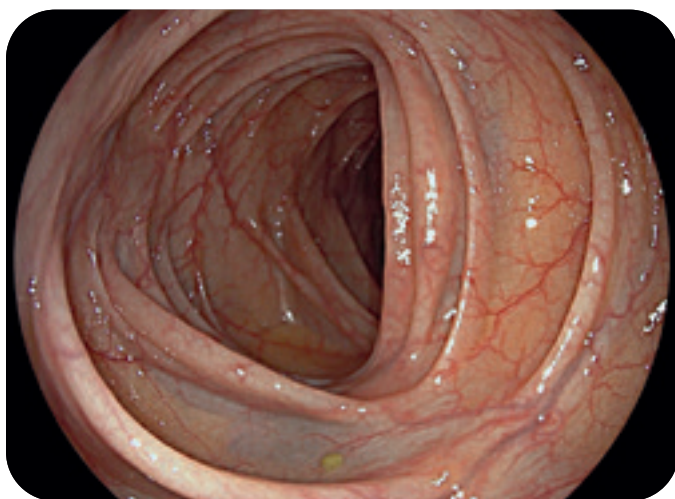


With the CMOS chip built directly into the tip of the scope, the signal is digitally transmitted through the device, thus providing high-resolution imaging. All 760, 720 and 600 endoscopes are equipped with CMOS.



The **CMOS chip** is positioned directly in the tip of the scope and transforms the analogue signal into a digital signal at the site of examination. This ensures **brilliant image transmission with reduced noise**.

**CMOS technology** supports 60 frames progressive scanning technology where complete images are processed, rather than the half-frames processed when using the interlaced scanning method. The result is a high-resolution image and smooth moving images with reduced blurring.



Colon in super high resolution

This drawing is for illustration only and not a complete representation.

**FICE** 

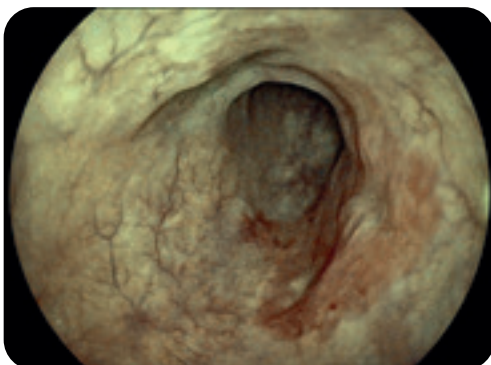
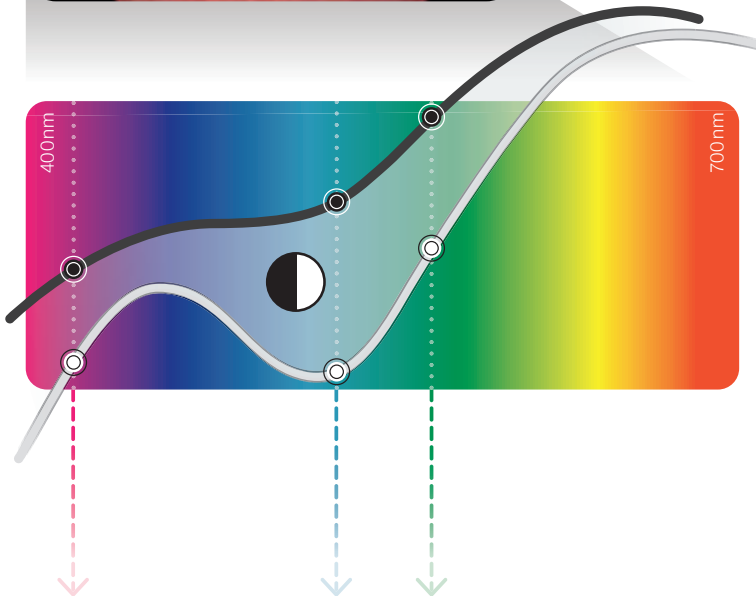
**Better visibility for detection and diagnosis**

FICE – Flexible Spectral Imaging Colour Enhancement – enhances colour differences such as vascular and mucosal patterns without the need for tissue staining. The procedure digitally selects three wavelengths of the light and displays the reconstructed images. The endoscope switch allows physicians to change between the conventional image and the FICE image in a split second, ensuring an uninterrupted examination with the eyes always concentrated on the monitor.



**XENON endoscopy**  
**White Light image**

Red wavelength is mostly reflected.



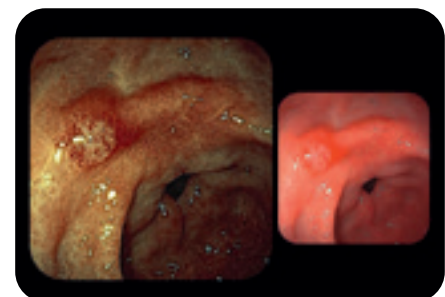
**FICE**  
**(Flexible Spectral Imaging Colour Enhancement)**

The contrast is enhanced and the vascular pattern is highlighted by focusing on the difference in wavelength reflection of mucosa and blood vessels.

**DUAL MODE**

**Simultaneously displays a FICE image and a White Light image on the same monitor**

A dual view of a FICE image and a White Light image on the same monitor allows you to collect more information for examination and diagnosis.



FICE Stomach



## MULTI ZOOM



### Optical Zoom for precise focusing

Fujifilm's latest Multi Zoom technology enables programming of up to 3 magnification modes to realise an easy-to-control zoom endoscopy.

- 2-step Zoom
- 3-step Zoom
- 5-step Zoom

The optical zoom allows a close examination of the mucosa tissue and capillary structures in combination with excellent focusing and orientation during magnification throughout the wide focal plane.

Mode	Magnification setting				
	Normal	Low (about x60)	Middle (about x85)	High (about x100)	Maximum (x145)*
2-step Zoom	●		●		
3-step Zoom	●	●	●	●	
5-step Zoom	●	●	●	●	●
Continuous Zoom	■				

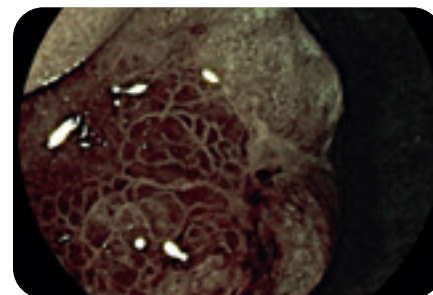
## E-ZOOM

### Electronic Zoom provides better visibility

E-Zoom images can be provided by pressing the scope button once. Normally, E-Zoom increases the noise in an image. The E-Zoom function can be used with the 600 series to produce a FICE image with less noise so that it is possible to observe the detail of surface pattern as well as the vascular pattern.



White Light Stomach



FICE + E-Zoom

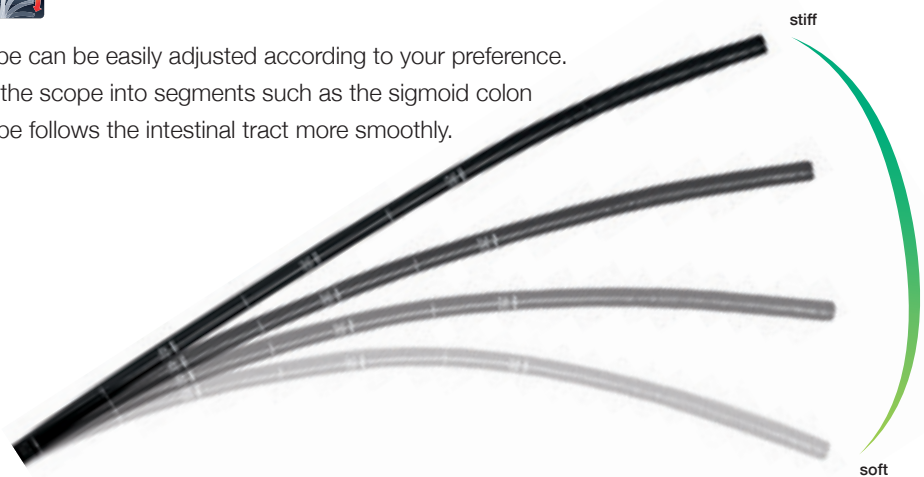
\* In combination with 26" screen.

## COLOASSIST ADJUST

ColoAssist Adjust has been specifically developed for the 760 series colonoscopes. It features the Flexibility Adjuster with different levels of stiffness as well as Advanced Force Transmission and Adaptive Bending, expected to be helpful for manoeuvrability.

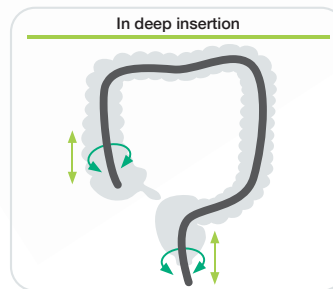
## FLEXIBILITY ADJUSTER

The stiffness of the flexible portion of the scope can be easily adjusted according to your preference. This is expected to be helpful when inserting the scope into segments such as the sigmoid colon and the transverse colon where the endoscope follows the intestinal tract more smoothly.



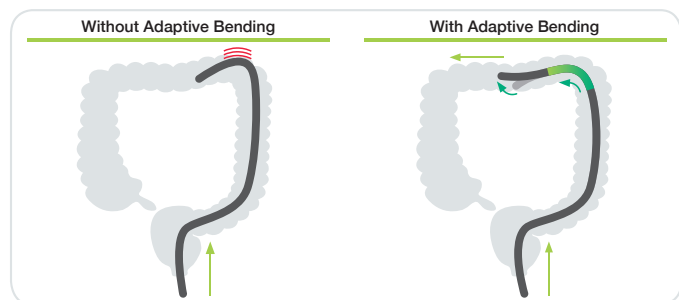
## ADVANCED FORCE TRANSMISSION

The flexible portion is designed to transmit the pushing, pulling and rotating movements from the hand to the distal end of the endoscope. It is intended to be helpful for manoeuvrability inside the digestive tract.



## ADAPTIVE BENDING

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





GASTROENTEROLOGY

# ELUXEO™ 700 SERIES ENDOSCOPES



**ONE-STEP  
CONNECTOR**



**G7 GRIP**



**JAZZ VALVES\***

**Design Award Winner**

ELUXEO™ EC-760ZP-V/M, L



reddot design award  
winner 2017

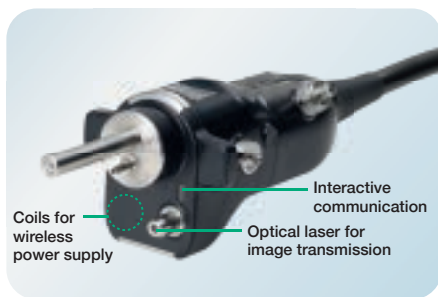


\* Manufactured by FUJIFILM medwork GmbH.

The ELUXEO™ 700 series of Fujifilm endoscopes with One-Step Connector and easy-to-control G7 grip is designed to lead you efficiently and effectively through your examination.

### ONE-STEP CONNECTOR FOR EASY PLUG-IN

The One-Step Connector can be plugged in easily and the 700 series endoscopes is the first to incorporate an integrated wireless power supply that provides high-speed transmission of data. The design helps to simplify the cleaning process and also reduces the potential for accidental damage.

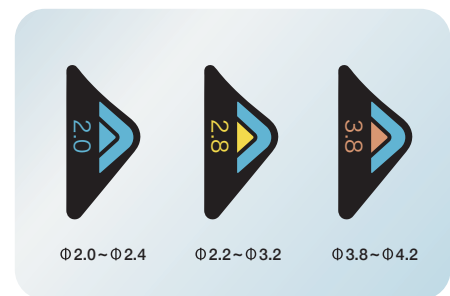


### G7 GRIP FOR COMFORT IN DAILY PRACTICE

In close cooperation with leading endoscopists, Fujifilm has renewed the layout and size of the components of the control portion and repositioned the angulation knobs to increase accessibility from the grip. The G7 grip is designed to have an easy and comfortable feel that improves performance and reduces stress during clinical procedures.



- 1 Colour code of G7 control portion
- 2 Identification colour of working channel size
- 3 Working channel diameter
- 4 Corporate brand logo
- 5 Model No.



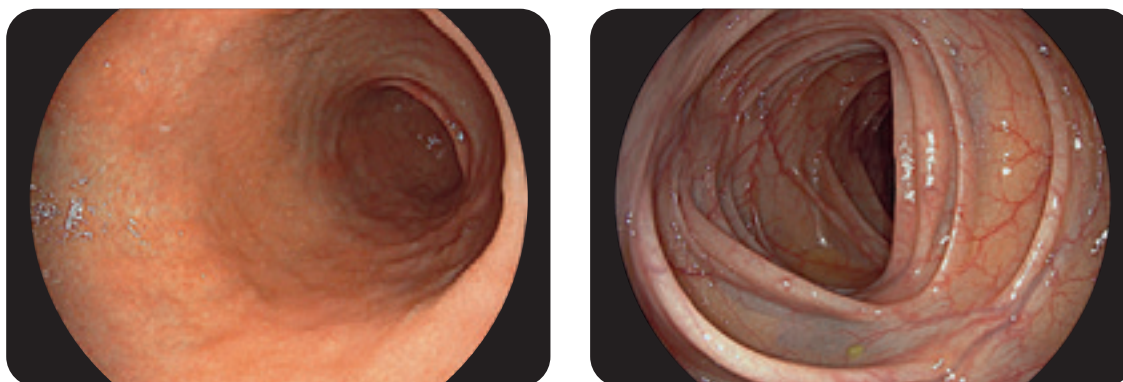
Each 700 series endoscope displays the information required to choose compatible accessories, which helps to facilitate on-the-spot decision making.



The 700 and 600 series CMOS endoscopes with a full digital processor produce high-resolution images.

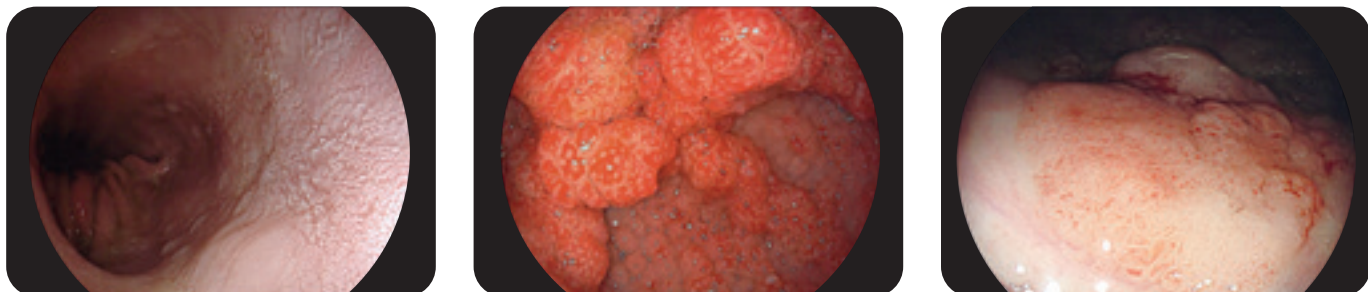
**OVER MEGAPIXEL CMOS IMAGE SENSOR**  

With over Megapixel CMOS image sensor, 760, 720 and 600 series endoscopes produce high-resolution images, while the CMOS technology realises less noise and brilliant images. The CMOS image sensor can change the analogue signal to digital in the tip of the scope. During transmission, the digital signal is much less affected by noise from outside.



**CLOSE FOCUS ENHANCES IMAGING FOR DIAGNOSIS** 

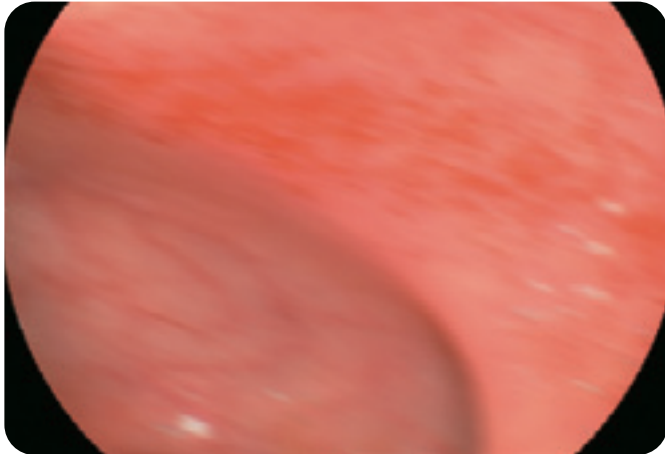
The high-performance optical system enhances Close Focus observation capability **up to 2mm**. The focus at the edges of an image has been improved. The combination of the Megapixel CMOS image sensor and the high-performance optical system assists various observations ranging from close-up to distant views.



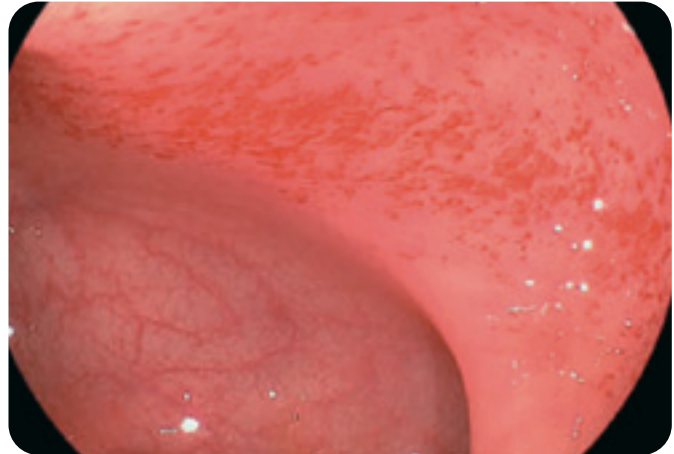
**ANTI-BLUR FUNCTION**



This function extracts the best still image from multiple images to offer a sharp and clear image every time.



Freezing the image during the examination:  
A sequence of images is always kept in the background



Automatic selection and display of a sharp image

**WATER JET FUNCTION**



The gastroscope and colonoscope both feature a water jet function which aids visualisation for both diagnostic and therapeutic procedures.



**AUTO PHOTOMETRIC CONTROL**

The automatic photometric mode adjusts the lighting in accordance with the positioning of the endoscope, providing you with a well-balanced picture. You always get well illuminated images\* whether focusing close-up or from a distance.



Distant focus



Close Focus

\* Available with the 700, 600 and 500 series endoscopes.



## UPPER GI ENDOSCOPY

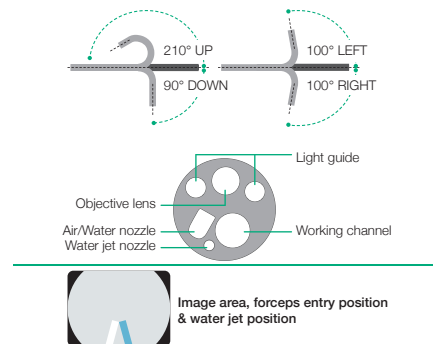
### ELUXEO™ VIDEO GASTROSCOPE EG-760R



This routine gastroscope from the ELUXEO™ 760 series is equipped with CMOS technology and provides HD images and videos for daily practice. Close Focus allows observation from as little as 2 mm in depth.



Field of view	140°
Observation range	2–100mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Distal end diameter	9.2mm
Flexible portion diameter	9.3mm
Working channel diameter	2.8mm
Working length	1,100mm
Total length	1,400mm



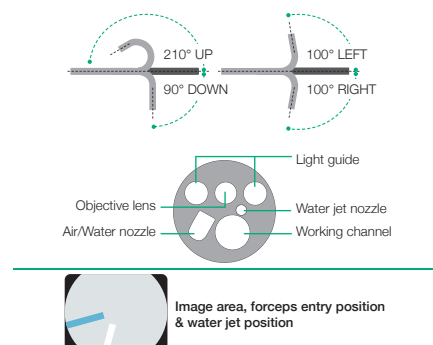
### ELUXEO™ VIDEO GASTROSCOPE EG-760Z Optical Magnification



This zoom gastroscope features the well-known 145x Multi Zoom\* which leads to clear and more detailed visualisation, supporting deeper analysis of mucosal structures. It has a small bending radius and similar functionality to the routine gastroscope including all features.

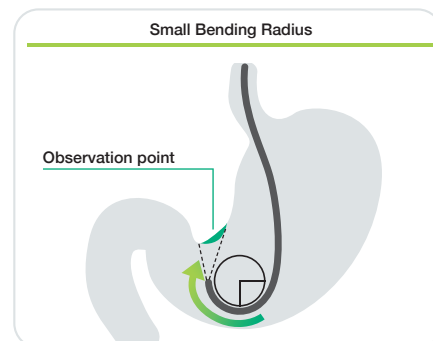
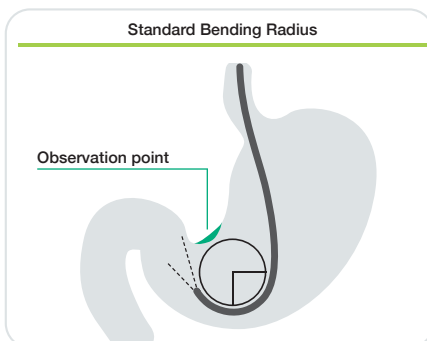


Field of view	Normal 140°/Close 56°
Observation range	Normal 3–100mm Close 1.5–2.5mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Distal end diameter	9.9mm
Flexible portion diameter	9.8mm
Working channel diameter	2.8mm
Working length	1,100mm
Total length	1,400mm



### SMALL BENDING RADIUS

Features a tight bending section radius with improved angulation. It is designed to approach the targeted observation point and lesion more easily and with less effort.



\* In combination with 26" screen.

## UPPER GI ENDOSCOPY

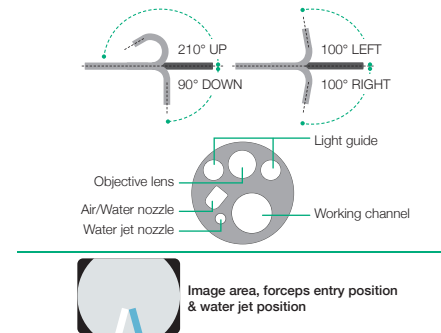
### ELUXEO™ VIDEO GASTROSCOPE EG-760CT Therapeutic Type



This gastroscope from the ELUXEO™ 760 series is equipped with a large 3.8mm working channel that is especially suitable for therapeutic procedures compared to the standard gastroscope EG-760R with a working channel of 2.8 mm. In addition to therapeutic use, the gastroscope features LCI, intended to improve detection, and BLI, intended to characterise lesions, making it an excellent gastroscope for observation.

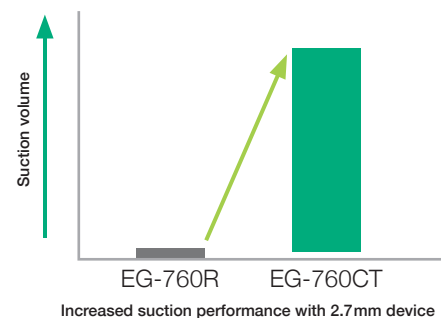
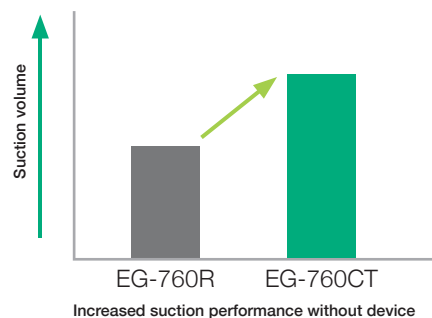


Field of view	140°
Observation range	2–100 mm
Bending capability	Up 210° / Down 90° Right 100° / Left 100°
Distal end diameter	10.5 mm
Flexible portion diameter	10.8 mm
Working channel diameter	3.8 mm
Working length	1,100 mm
Total length	1,400 mm



### ENLARGED WORKING CHANNEL FOR IMPROVED SUCTION PERFORMANCE

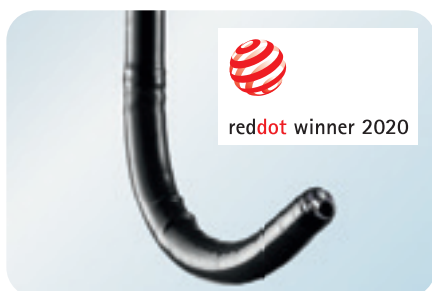
The 3.8 mm working channel has a higher suction capacity compared to other gastroscopes, especially when the therapeutic accessory is inserted into the working channel.



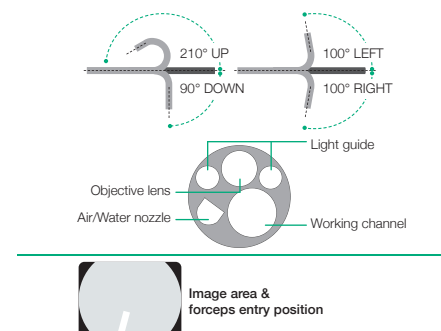
### ELUXEO™ VIDEO GASTROSCOPE EG-740N UltraSlim Type



This ultraslim gastroscope with a distal end diameter of 5.8mm is expected to be useful for narrow GI anatomy and for cases featuring stenosis. The slim distal end also supports a soft transnasal insertion and offers a potential to alleviate patients' discomfort.



Field of view	140°
Observation range	3–100 mm
Bending capability	Up 210° / Down 90° Right 100° / Left 100°
Distal end diameter	5.8 mm
Flexible portion diameter	5.9 mm
Working channel diameter	2.4 mm
Working length	1,100 mm
Total length	1,400 mm



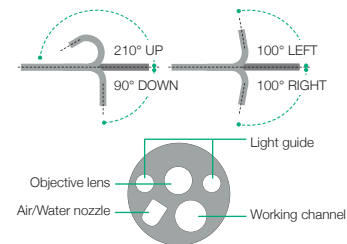


## UPPER GI ENDOSCOPY

### ELUXEO™ Lite VIDEO GASTROSCOPE EG-720R



Field of view	140°
Observation range	2–100 mm
Bending capability	Up 210° / Down 90° Right 100° / Left 100°
Distal end diameter	9.2 mm
Flexible portion diameter	9.3 mm
Working channel diameter	2.8 mm
Working length	1,100 mm
Total length	1,400 mm



## LOWER GI ENDOSCOPY

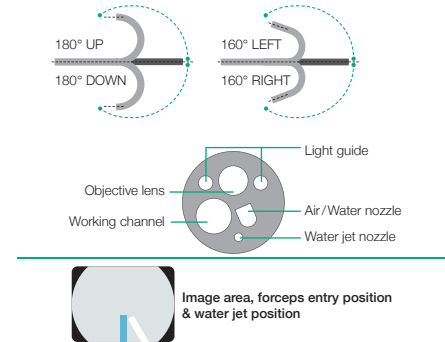
### ELUXEO™ VIDEO COLONOSCOPE **EC-760R-V/M, I, L**



This routine colonoscope has a wide field of view of 170° as well as a large working channel diameter of 3.8 mm. It features the G7 grip and the Flexibility Adjuster. In addition, it has a slim diameter of 12.0 mm and includes a water jet function and CMOS technology.



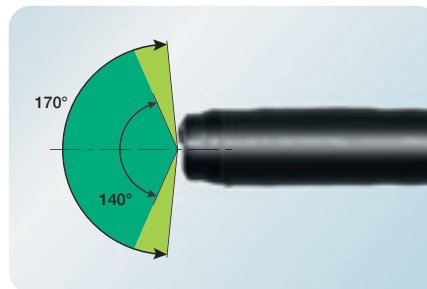
Field of view	170°
Observation range	2-100 mm
Bending capability	Up 180° / Down 180° Right 160° / Left 160°
Distal end diameter	12.0 mm
Flexible portion diameter	12.0 mm
Working channel diameter	3.8 mm
Working length	1,330 / 1,520 / 1,690 mm
Total length	1,650 / 1,840 / 2,010 mm



#### WIDE 170° FIELD OF VIEW



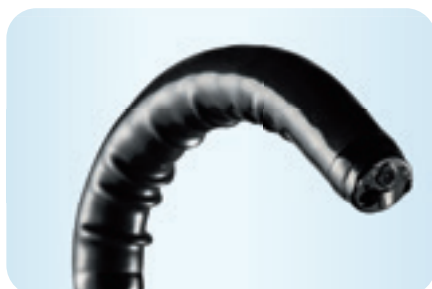
With EC-760R and EC-760P, a wide 170° field of view is available. It is designed to observe and approach smoothly, even areas that are hard to observe, such as the reverse side of folds.



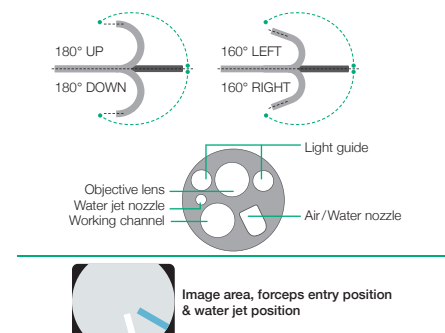
### NEW ELUXEO™ VIDEO COLONOSCOPE **EC-760Z-V/M, L** Optical Magnification



The new zoom colonoscope is an allrounder. It features the brilliant and easy-to-operate 145x Multi Zoom<sup>1</sup> magnification which leads to more detailed visualisation, supporting a deeper analysis of mucosal and vascular patterns. Compared to the EC-760ZP ultraslim zoom type, it comes with a stiffer insertion tube and a larger working channel (3.8 mm vs. 3.2 mm), making it also well suited for basic therapeutic procedures.



Field of view	Normal 140° / Close 56°
Observation range	1.5-100 mm Normal 3-100 mm Close 1.5-2.5 mm
Bending capability	Up 180° / Down 180° Right 160° / Left 160°
Distal end diameter	12.8 mm
Insertion tube diameter	12.8 mm
Working channel diameter	3.8 mm
Working length	1,330 mm / 1,690 mm
Total length	1,650 mm / 2,010 mm





## LOWER GI ENDOSCOPY

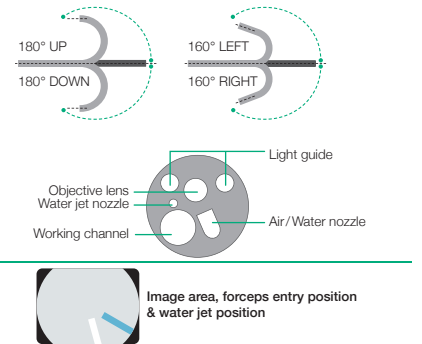
### ELUXEO™ VIDEO COLONOSCOPE EC-760ZP-V/M, L Optical Magnification



The slim zoom colonoscope features the brilliant and easy-to-operate Multi Zoom with 145x maximum magnification\*. Together with BLI, details of the mucosal and vascular patterns become visible. Like the routine scope, it features the full range of functionalities including flexible adjustment even with the slim diameter of 11.8 mm.



Field of view	Normal 140° / Close 56°
Observation range	1.5–100 mm Normal 3–100 mm Close 1.5–2.5 mm
Bending capability	Up 180° / Down 180° Right 160° / Left 160°
Distal end diameter	11.7 mm
Flexible portion diameter	11.8 mm
Working channel diameter	3.2 mm
Working length	1,330 / 1,690 mm
Total length	1,650 / 2,010 mm



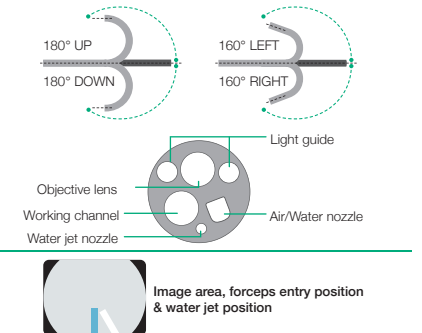
### ELUXEO™ VIDEO COLONOSCOPE EC-760P-V/M, L Ultraslim Type



This ultraslim colonoscope from the ELUXEO™ 760 series has a distal end diameter of only 11.1 mm and is therefore expected to be useful for narrow GI anatomy, cases featuring stenosis and therapeutic use. A wide 170° field of view enables a visualisation even in hard-to-observe areas. It features the G7 grip and the Flexibility Adjuster for easier insertion.



Field of view	170°
Observation range	2–100 mm
Bending capability	Up 180° / Down 180° Right 160° / Left 160°
Distal end diameter	11.1 mm
Flexible portion diameter	11.5 mm
Working channel diameter	3.2 mm
Working length	1,330 / 1,690 mm
Total length	1,650 / 2,010 mm



## LOWER GI ENDOSCOPY

### ELUXEO™ VIDEO COLONOSCOPE **EC-740T/M, L Slim & Treatment Type**



This slim colonoscope is equipped with Advanced Force Transmission, 210° up-angulation and a G7 grip that supports excellent manoeuvrability. It is expected to be useful for more challenging anatomies and narrow GI anatomy, such as stenosis, severe inflammation, or anatomical adhesion. With the additional observation modes LCI, intended to improve detection, and BLI, intended to characterise lesions, this provides an excellent colonoscope for both observation and therapeutic procedures.



Field of view	140°
Observation range	3–100 mm
Bending capability	Up 210° /Down 160° Right 160° /Left 160°
Distal end diameter	9.8 mm
Flexible portion diameter	10.7 mm
Working channel diameter	3.2 mm
Working length	1,330 /1,690 mm
Total length	1,630 /1,990 mm

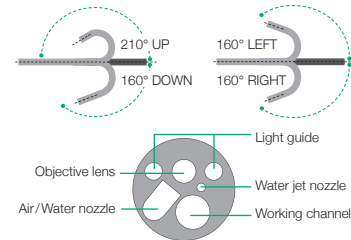


Image area, forceps entry position & water jet position

### ELUXEO™ Lite VIDEO COLONOSCOPE **EC-720R/M, I, L**



Field of view	170°
Observation range	2–100 mm
Bending capability	Up 180° /Down 180° Right 160° /Left 160°
Distal end diameter	12.8 mm
Flexible portion diameter	12.8 mm
Working channel diameter	3.8 mm
Working length	1,330 /1,520 /1,690 mm
Total length	1,630 /1,820 /1,990 mm

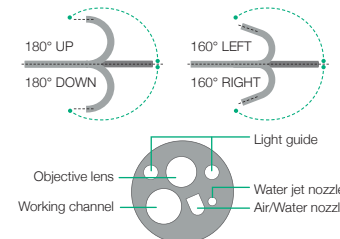


Image area, forceps entry position & water jet position

#### SMART BEND



Smart Bend provides excellent manoeuvrability, observation and therapeutic treatments from 210° up-angulation and a small bending radius. It is expected to be useful for treatment of difficult-to-reach lesions.



Smart Bend colonoscope



Colonoscope without Smart Bend



# G-EYE FEATURING *ELUXEO*<sup>TM</sup>

The G-EYE<sup>®</sup> 760R endoscope is equipped with a permanently integrated balloon at the bending section of the routine colonoscope. On demand, the reusable balloon can be inflated, thereby flattening the colonic walls and improving the detection of hidden polyps<sup>1</sup>.

Besides detection enhancement, physicians could benefit from the G-EYE<sup>®</sup> system throughout the whole procedure, from assistance in delooping during intubation, via Controlled Withdrawal<sup>TM</sup> that reduces bowel slippage, through to supporting therapeutic interventions e.g. EMR/ESDs by stabilising and anchoring the endoscope tip.

1

Straightening intestinal folds

2

Controlled Withdrawal<sup>TM</sup>

Centralising endoscope optics, reducing bowel slippage

3


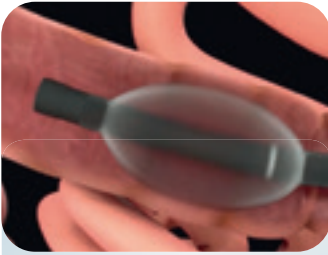
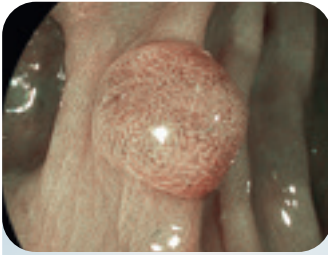
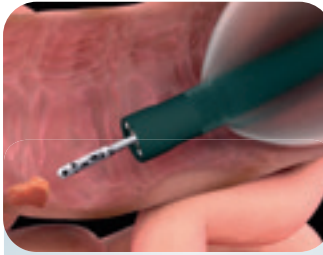




Endoscope stabilisation during interventional sessions



<sup>1</sup> Clinical Evidence: Shirin, H. et al. G-EYE colonoscopy is superior to standard colonoscopy for increasing adenoma detection rate: an international randomized controlled trial (September 2018 Gastrointestinal Endoscopy 89(3) DOI: 10.1016/j.gie.2018.09.028)

Halpern, Z. et al. Comparison of adenoma detection and miss rates between a novel balloon colonoscope and standard colonoscopy: a randomized tandem study (Endoscopy 2015; 47(03): 238-244 DOI: 10.1055/s-0034-1391437)

## ADDING VALUE THROUGHOUT THE WHOLE PROCEDURE

INTUBATION	DETECTION	CHARACTERISATION	TREATMENT
			
<b>G-EYE®</b> COULD BE USED FOR DELOOPING WITH ANCHORING FUNCTION	<b>G-EYE®</b> FLATTENS TOPOGRAPHY TO DETECT HIDDEN POLYPS Controlled Withdrawal™ with partially inflated balloon	<b>G-EYE®</b> STABILISES THE ENDOSCOPE DURING CHARACTERISATION Controlled Withdrawal™ with partially inflated balloon	<b>G-EYE®</b> STABILISES THE ENDOSCOPE DURING TREATMENT
	 	 	

### G-EYE® 760R\*

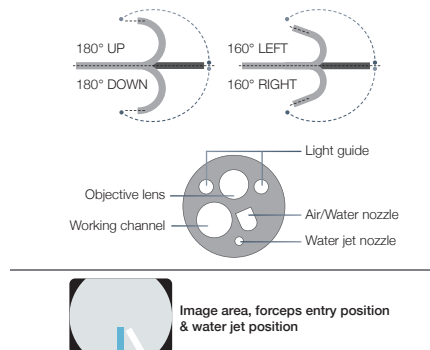


The G-EYE® endoscope is based on the ELUXEO™ EC-760R routine colonoscope, comes in three different lengths and features the same technical specifications including LCI and BLI imaging modes. For operating the G-EYE 760R, the Spark<sup>2</sup>C Inflation System is needed.



Field of view	170°
Observation range	2–100 mm
Bending capability*	Up 180° / Down 180° Right 160° / Left 160°
Distal end diameter	12.0 mm
Insertion tube diameter	12.0 mm
Working channel diameter	3.8 mm
Working length	1,330/1,520/1,690 mm
Total length	1,650/1,840/2,010 mm
Balloon diameter	Up to 55 mm

\* when balloon is deflated



\* Manufactured by Smart Medical Systems Ltd.



GASTROENTEROLOGY

# ELUXEO™ ULTRA MEETS ARTIFICIAL INTELLIGENCE

FOR COLONIC POLYPS

POWERED BY REiLI



EXPANSION UNIT EX-1

**HD** Full HD endoscopy

CAD EYE works with the expansion unit EX-1 and the CAD EYE software EW10-EC02. With software EW10-SC01 up to 30 hours of movie and still image material can be stored in the internal memory of EX-1. It can easily be controlled with the scope switch or directly at the processor.



For CAD EYE software

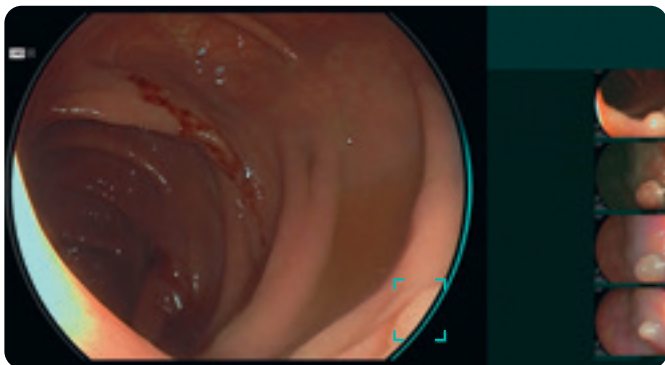
For further information on the Eluxeo Ultra platform visit [www.eluxeo-ultra.com](http://www.eluxeo-ultra.com)

The novel function CAD EYE has been developed utilising AI deep learning technology and is compatible with Fujifilm’s ELUXEO™ endoscopy series to support endoscopic lesion detection and characterisation in the colon.

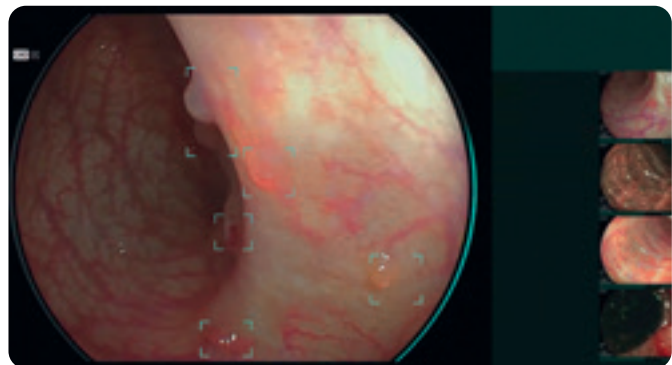


## REAL-TIME DETECTION

**CAD EYE is aimed to improve the real-time polyp detection rate** to expert level, helping recognise flat lesions, multiple polyps simultaneously as well as any lesions at the corner of the image. CAD EYE Detection is possible with White Light and LCI (Linked Color Imaging) mode.



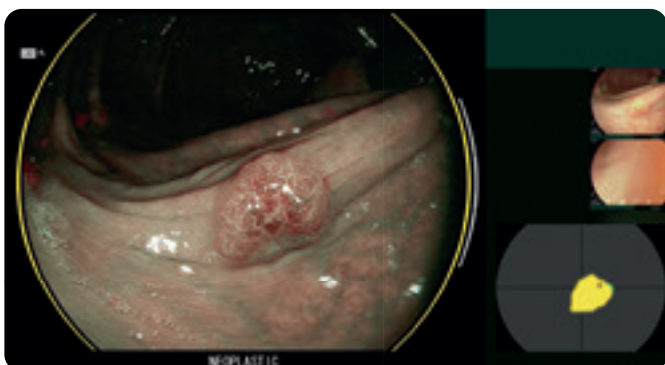
White Light Mode



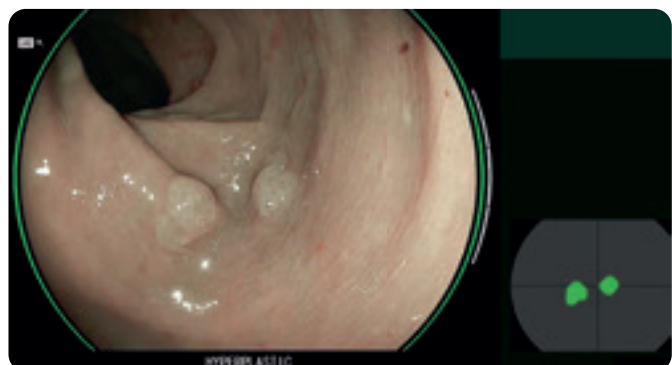
LCI Mode

## CHARACTERISATION SUPPORT

**Once a suspected polyp is detected by CAD EYE Detection (WLI or LCI), CAD EYE Characterisation – in combination with BLI – can support endoscopists in the predictive histopathological diagnosis of the polyp.** This function analyses in real-time and without freezing or zooming if a polyp is hyperplastic or neoplastic, which is visually indicated by the use of different colour codes in the Position Map. CAD EYE Characterisation is intended to make procedures more efficient by increasing the accuracy of diagnosis to an experts’ level.\*



BLI Mode – Neoplastic



BLI Mode – Hyperplastic

\* According to the validation study, the accuracy of non-experts with the assistance of CAD EYE Characterisation was equivalent to that of an expert.

**FOR FURTHER INFORMATION  
VISIT [WWW.CADEYE.COM](http://WWW.CADEYE.COM)**



# 600 SERIES ENDOSCOPES

600 series endoscopes feature excellent optical technologies to provide a clear and bright endoscopic image.



G5 GRIP

CMOS-CHIP IN THE TIP

Protect your distal end during transport or storage with the Shepherd Endoscope Protector\*.

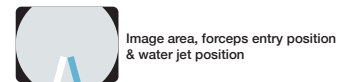
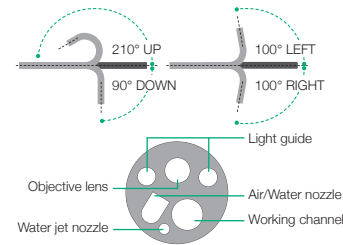


\* Manufactured by FUJIFILM medwork GmbH.

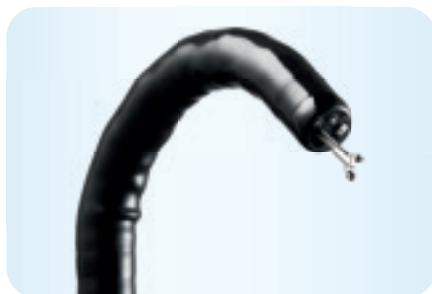
## VIDEO GASTROSCOPE **EG-600WR**



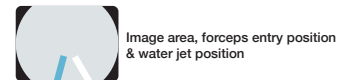
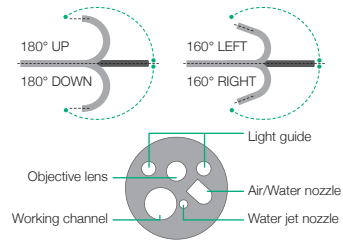
Field of view	140°
Observation range	2–100 mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Distal end diameter	9.2 mm
Flexible portion diameter	9.3 mm
Working channel diameter	2.8 mm
Working length	1,100 mm
Total length	1,400 mm



## VIDEO COLONOSCOPE **EC-600WM/WI/WL**



Field of view	140°
Observation range	2–100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Distal end diameter	12.0 mm
Flexible portion diameter	12.0 mm
Working channel diameter	3.8 mm
Working length	1,330/1,520/1,690 mm
Total length	1,630/1,820/1,990 mm



## medwork **TISSUE MANAGEMENT\***

CrossSnare **ZERO** POLYPECTOMY SNARES FOR COLD SNARING

**MANTA** INJECTION NEEDLES

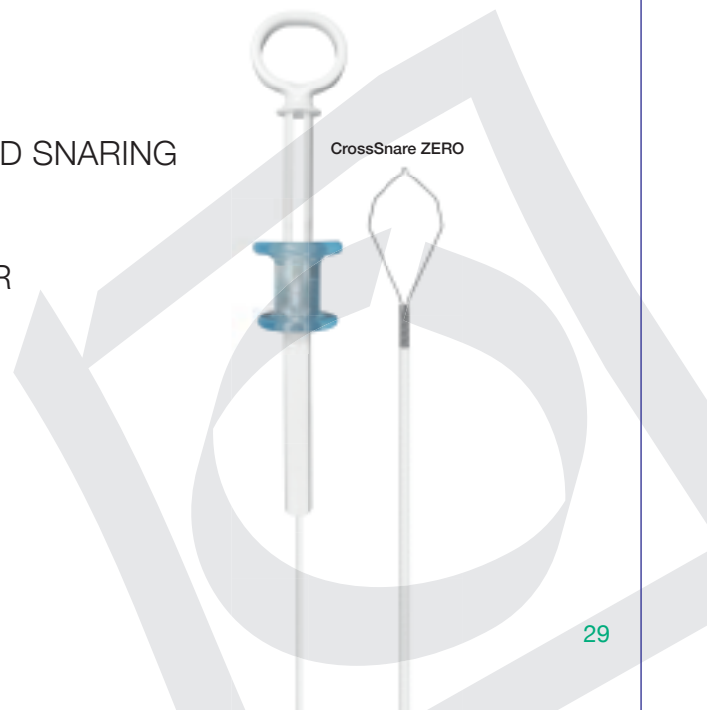
**Resection Master** POLYPECTOMY SNARES FOR EMR

**OCTOPUS** FOREIGN BODY RETRIEVAL NET

**KOALA** POLYTRAP



For further information please scan the QR code.  
\* Manufactured by FUJIFILM medwork GmbH.





# 580 SERIES ENDOSCOPES

The 580 series stands out for its wide range of features for various purposes. The specifications include ultraslim types as well as the double balloon system.



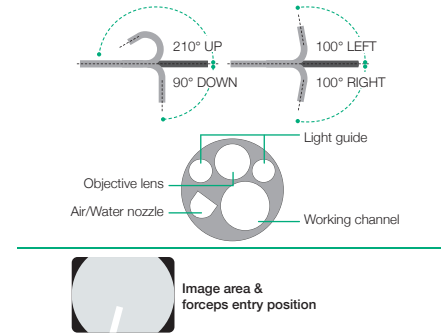
**SUPER  
CCD**



VIDEO GASTROSCOPE **EG-580NW2** Ultraslim Type

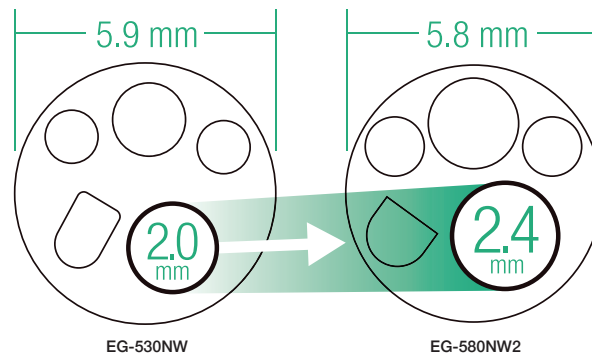


Field of view	140°
Observation range	3–100mm
Bending capability	Up 210° / Down 90° Right 100° / Left 100°
Distal end diameter	5.8mm
Flexible portion diameter	5.9mm
Working channel diameter	2.4mm
Working length	1,100mm
Total length	1,400mm



**ENLARGED WORKING CHANNEL FOR IMPROVED SUCTION CAPACITY FOR THE ULTRASLIM GASTROSCOPE**

The 2.4 mm working channel of the EG-580NW2 realises a higher suction ability compared to the EG-530NW, especially when the therapeutic accessory is inserted into the working channel.





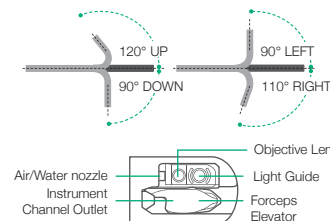
## DUODENOSCOPE ED-580XT



With improved wire locking G-Lock and greater elevation force. The ED-580XT has the G7 control portion which has a rounded surface design to fit in the hand. Its layout makes suitable operation possible.



Field of view	98° (retro 8°)
Observation range	4–60 mm
Distal end diameter	13.1 mm
Bending capability	Up 120° / Down 90° Left 90° / Right 110°
Working length	1,250 mm
Total length	1,550 mm
Insertion tube diameter	11.3 mm
Minimum diameter of instrument channel	4.2 mm



**G-Lock**

### IMPROVED TREATMENT CAPABILITY

Incorporated into the distal tip of the ED-580XT, the G-Lock contains the forceps elevator and the contact section, enabling the guidewire to be simply and securely fixed into position by using the forceps elevator. In addition, the specially designed round-shaped forceps elevator reduces the risk of guidewire damage. The inner tube of the instrument channels uses an improved material to enable a device to be inserted smoothly, supporting rapid device exchange. Designed to work in harmony with the endoscopist, the new G-Lock and low friction instrument channel support efficiency and ease of use during ERCP procedures.



### EASY AND EFFECTIVE DISTAL END CLEANING

#### Easier Brushing Access – Easier Cleaning

The single-use distal end cap permits easier brushing access to the distal end of the endoscope. In addition, the elevator mechanism is sealed to allow easier cleaning.



**medw<sup>ork</sup> ERCP SOLUTIONS\***

The Fujifilm ERCP range is offering solutions from cannulation over stone management up to drainage management.

**AXS\_TOME+ SPHINCTEROTOMES**

AXS\_tome+ offers you reliable orientation as well as soft and gentle probing thanks to its improved Micro-Tip+ design. A user-friendly short wire port and optimised X-ray visibility make AXS\_tome+ safe and efficient in handling.



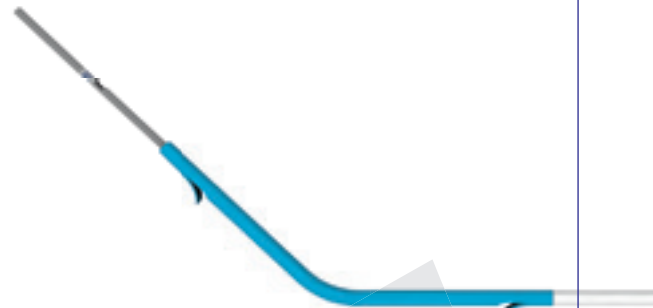
**TWIST'N'CATCH STONE EXTRACTION BASKETS**

The impressive expansion force and precise control of the basket allow swift capture of stones. Infinite adjustment of basket diameter permits highly flexible use. As a result, gallstones can be retrieved reliably.



**KENA BILIARY STENT**

The new Kena series allows simple and precise placement of the prosthesis as a result of the perfect interplay between bending strength and flexibility. Even multi-stenting with different prosthetic diameters (8.5 and 10 Fr) is extremely efficient with the one-for-all placement system.





# DOUBLE BALLOON ENDOSCOPY SYSTEM

By developing the double balloon endoscope, Fujifilm made it possible for the first time to examine and treat the complete small intestine. The two-balloon system provides an unparalleled level of detail and is, to this day, the gold standard in examination of the small intestine. It is also commonly used in ERCs with altered conditions post-surgery.



**PUSH & PULL SYSTEM**

3.2 mm

Enlarged working channel for efficient treatment

**DOUBLE BALLOON ENDOSCOPY**

**ONE-TOUCH CONNECTOR**

**DOUBLE BALLOON ENDOSCOPY**

Double balloon endoscopy is a technique that allows the whole length of the small intestine to be visualised, opening doors to many therapeutic interventions.

Fujifilm developed the DBE system to meet the clinical needs for more precise and efficient diagnoses and treatment.



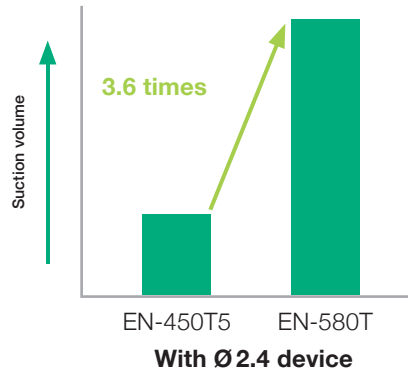
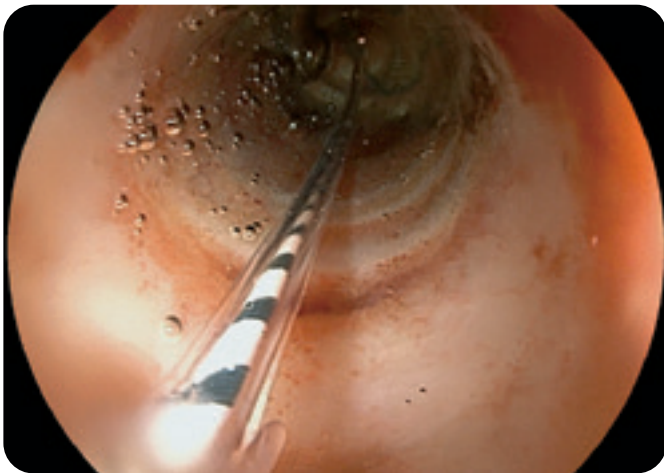
Oral insertion (small intestine)



Anal insertion (small intestine)

**WORKING CHANNEL WITH 3.2MM DIAMETER**

The enlarged 3.2mm working channel suits procedures such as haemostasis and balloon dilation. It enables blood or mucus to be aspirated while a therapeutic device is inserted. It is intended to make haemostasis quicker. The large working channel is also designed for easier insertion and removal of a balloon catheter before and after dilation of stricture.



The 3.2mm working channel provides greater suction performance than conventional models.  
(According to Fujifilm data)



**SPECIALLY DESIGNED ONE-TOUCH CONNECTOR AND RELOCATED BALLOON AIR FEED INLET FOR BETTER OPERABILITY**

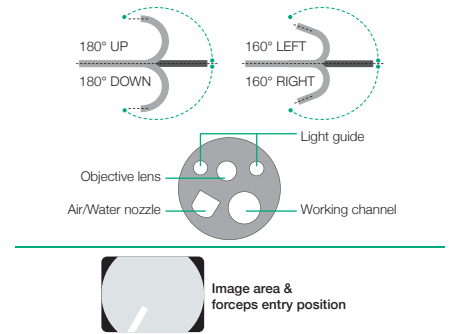
The balloon air feed inlet has been relocated from the control portion to the connector portion, creating a better examination environment. Also, a one-touch connector specially designed for the balloon air feed inlet on the endoscope is provided, making the preparation simpler.



### ENTEROSCOPE **EN-580T** Therapeutic Type



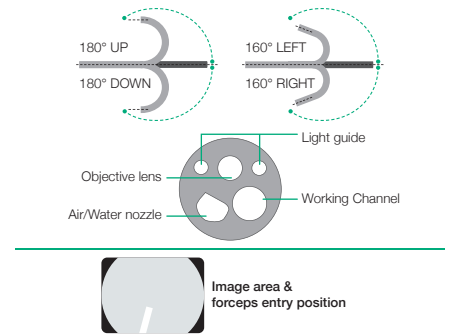
Viewing direction	0° (Forward)
Field of view	140°
Observation range	2–100mm
Bending capability	Up 180° /Down 180° Right 160° /Left 160°
Distal end diameter	9.4mm
Flexible portion diameter	9.3mm
Working channel diameter	3.2mm
Working length	2,000mm
Total length	2,300mm



### ENTEROSCOPE **EN-580XP** Slim Type



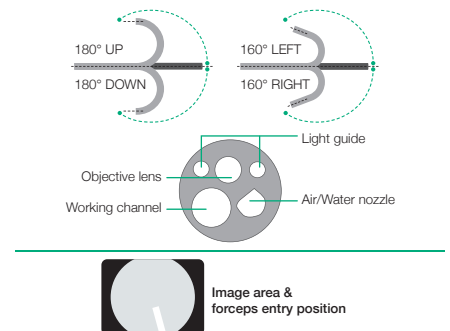
Viewing direction	0° (Forward)
Field of view	140°
Observation range	2–100mm
Bending capability	Up 180° /Down 180° Right 160° /Left 160°
Distal end diameter	7.5mm
Flexible portion diameter	7.7mm
Working channel diameter	2.2mm
Working length	2,000mm
Total length	2,300mm



### SHORT DOUBLE-BALLOON ENDOSCOPE **EI-580BT**



Viewing direction	0° (Forward)
Field of view	140°
Observation range	2–100mm
Bending capability	Up 180° /Down 180° Right 160° /Left 160°
Distal end diameter	9.4mm
Flexible portion diameter	9.3mm
Working length	1,550mm
Total length	1,850mm
Working channel diameter	3.2mm



## BALLOON CONTROL UNIT **PB-30**

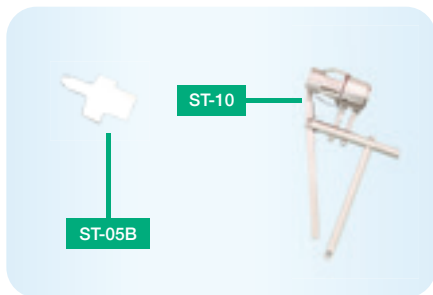
To be used to control the pressures inside the balloons which are inflated and deflated during DBE examinations



Maximum flow rate of pump	170 ml ± 50 ml / 10 sec.
Set pressure accuracy	± 2 kpa
Set pressure of balloon	5.6 kpa
Weight	7.0 kg (Main unit), 0.4 kg (Remote switch)
Power	AC100-240V 50/60 Hz 0.8A
Dimensions (W x H x D)	145 x 170 x 410 mm

## BALLOON SETTING TOOLS **ST-05B/ST-10**

To fix the balloon and the rubber bands





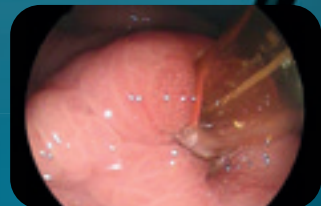
# 530 SERIES ENDOSCOPES

Natural colour reproduction, a high-resolution Super CCD chip for excellent image quality and good bending operability are just three of the many advantages presented by the 530 series endoscope.

The endoscopes can be run with the ELUXEO™ VP-7000 processor, the ELUXEO™ Lite EP-6000 or the EPX-3500 HDTV processor in Full HD quality.



**Excellent image quality**  
Fujifilm's Super CCD is built in, which was exclusively developed to provide clear images for the endoscope.



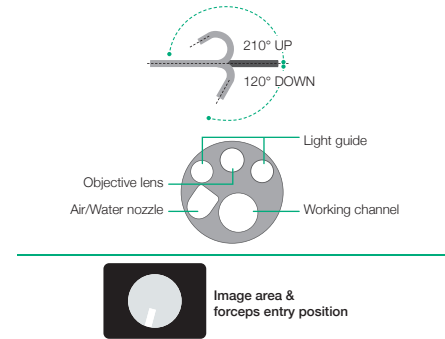
## VIDEO GASTROSCOPE **EG-530NP** Ultralim Type



The EG-530NP gastroscope is slimmed down as much as possible providing a 4.9 mm distal end (5.1 mm in the flexible portion) which supports a soft transnasal insertion. This ultraslim endoscope is also equipped with dual light guides and a 2.0mm working channel.



Viewing direction	0° (Forward)
Field of view	120°
Observation range	3–100 mm
Bending capability	Up 210°/Down 120°
Distal end diameter	4.9 mm
Flexible portion diameter	5.1 mm
Working channel diameter	2.0 mm
Working length	1,100 mm
Total length	1,460 mm



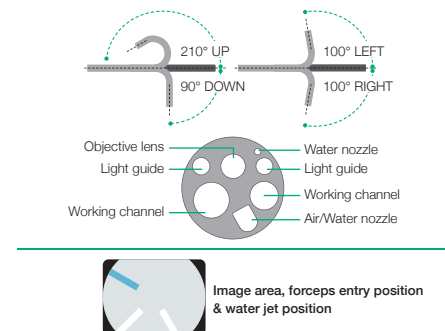
## VIDEO GASTROSCOPE **EG-530D** Therapeutic Treatment



EG-530D is an endoscope for treatment of the upper GI tract, with two working channels, 3.8mm and 2.8mm, and a distal end as slim as 11.5mm. A water jet function is also incorporated for use in various treatment methods during endoscopy.



Viewing direction	0° (forward)
Field of view	140°
Observation range	3–100 mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Distal end diameter	11.5 mm
Flexible portion diameter	11.5 mm
Working channel diameter	3.8 mm/2.8 mm
Working length	1,090 mm
Total length	1,405 mm
Water jet	Equipped



## DROPLET REDUCTION MOUTHPIECE **B1**

Mouthpiece with sponge layers and drape to reduce droplets from the oral cavity.



reddot winner 2021



For further information please scan the QR code.



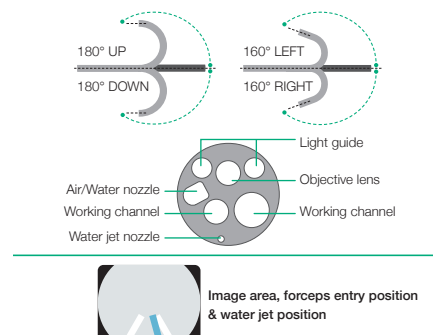
## VIDEO COLONOSCOPE **EC-530DM/DL** Therapeutic Treatment



These lower GI tract endoscopes have two working channels (3.8 mm / 2.8 mm), intended to be useful for treatments such as EMR.



Viewing direction	0° (Forward)
Field of view	140°
Observation range	3–100 mm
Bending capability	Up 180° / Down 180° Right 160° / Left 160°
Distal end diameter	12.8 mm
Flexible portion diameter	12.8 mm
Working channel diameter	3.8/2.8 mm
Working length	1,330/1,690 mm
Total length	1,645 mm/2,005 mm



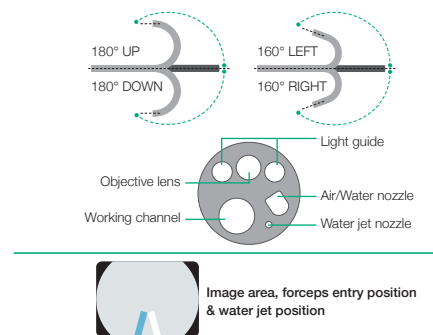
## VIDEO SIGMOIDOSCOPE **ES-530WE**



ES-530WE is a sigmoidoscope with an effective length of 790 mm. The working channel diameter is 3.8 mm, and it is equipped with a water jet function.



Viewing direction	0° (Forward)
Field of view	140°
Observation range	3–100 mm
Bending capability	Up 180° / Down 180° Right 160° / Left 160°
Distal end diameter	12.8 mm
Flexible portion diameter	12.8 mm
Working channel diameter	3.8 mm
Working length	790 mm
Total length	1,090 mm



## ESD KNIFE **CLUTCH CUTTER**

The 3 in 1 ESD tool for efficient and safe therapeutic procedures – incision, dissection and coagulation.



For further information please scan the QR code.



# VIDEO PROCESSORS AND LIGHT SOURCES

Video processor technology from Fujifilm provides you with an excellent processor for your application at all times – Either the high-end video processor ELUXEO™ 7000 system equipped with LCI and BLI observation modes for demanding examinations, the video processor ELUXEO™ Lite EP-6000 with

built-in LED Light source or the standard EPX-3500HD, also featured with HDTV and antiblur function. All models offer digital image processing and video interfaces. With ergonomic user controls, these video processors help save valuable time and facilitate more comfortable examinations.

**ELUXEO™ Lite** HD Full HD endoscopy



**EPX-3500HD** HD Full HD endoscopy



**ELUXEO™ 7000** HD Full HD endoscopy



**Design Award Winner**

ELUXEO™ BL-7000 and VP-7000

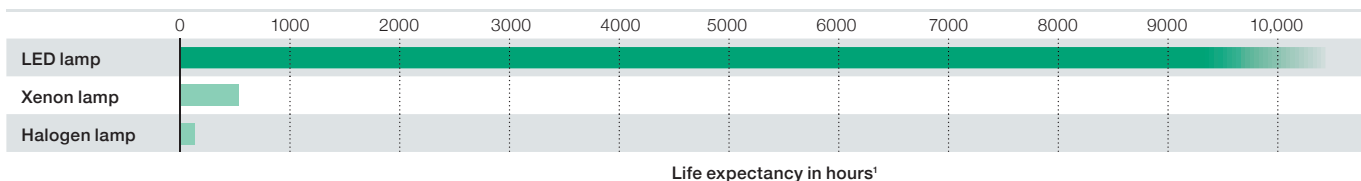




## 4-LED LIGHT SOURCE WITH HIGH DURABILITY **BL-7000**

A reliable light source is a prerequisite for use in large clinics as well as smaller outpatient centres to ensure procedures can take place as scheduled. To achieve high standards, the eco-friendly ELUXEO™ 7000 system features the 4-LED Multi Light™ Source, which outperforms conventional Xenon or Halogen light sources: With 10,000 hours<sup>1</sup> average life expectancy for the LED lights, the ELUXEO™ system has far longer durability while having much lower energy consumption, resulting in better cost-efficiency.

Light source	<b>4-LED</b>
Air supply pump	<b>High, Mid, Low, Off</b>
Power rating	<b>100–240V 50/60Hz 1.2–0.7A</b>
Dimensions (W x H x D)	<b>390 x 155 x 485 mm (including projection)</b>
Weight	<b>12.0kg</b>
Optical radiation safety	<b>Class 1 LED product</b>



Our confidence in the ELUXEO system BL-7000 is reflected by Fujifilm's **Durability Warranty**, which covers any defect of the LED light source unit that is attributable to a manufacturing or assembly fault under normal use for a period of five years or 10,000 operating hours, whichever comes first.<sup>1</sup>

## HIGH-PERFORMANCE VIDEO PROCESSOR **VP-7000**



The ELUXEO™ video processor VP-7000 enables you to make use of the many features provided by Fujifilm's wide range of endoscopes along with the 4-LED illumination system and its LCI and BLI visualisation modes. It is also compatible with the 600 and 500 series of endoscopes. The processor creates high-quality images and videos displayed in full HD on the monitor. Automatic back-up mode for data storage is integrated and the processor is also DICOM compatible.



Compatible scopes	<b>700/600/500 series</b>
Output	<b>DVI-D x2, DVI-I x1, HD-SDI x2, RGB-TV x1, S VIDEO x1, VIDEO x1</b>
Input	<b>1 channel PoP</b>
Internal memory	<b>4 GB</b>
External memory	<b>USB Flash Drive</b>
Power rating	<b>100–240V 50/60HZ 0.8–0.5A</b>
Dimensions (W x H x D)	<b>390 x 110 x 485 mm (including projection)</b>
Weight	<b>9.0kg</b>

<sup>1</sup> This Warranty is only valid according to the terms and conditions of the Durability Warranty Policy.



# ELUXEO™ Lite

## VIDEO PROCESSOR WITH BUILT-IN LED LIGHT SOURCE **EP-6000**



The ELUXEO™ Lite EP-6000 combines a reliable 3-LED light source with a processor that enables you to make use of the many features provided by Fujifilm’s wide range of scopes. Available combined with the 700 series LCI (Linked Color Imaging) and BLI (Blue Light Imaging) visualisation modes.

Due to the use of economical LED lamps with a long durability this system is very eco-friendly. It is also compatible with the 600 and 500 series of scopes. The ELUXEO™ Lite EP-6000 creates quality images and videos displayed in full HD on the monitor. Automatic back-up mode for data storage is integrated and the processor is also DICOM compatible.

Available observation modes	White Light	BLI	LCI	FICE
700 series	●	●	●	●
500 / 600 series	●			●



Light source	<b>3-LED</b>
Air supply pump	<b>High, Mid, Low, Off</b>
Compatible scopes	<b>700, 600 and 500 series endoscopes*</b>
Output	<b>DVI-D x2, RGB-TV x1, S VIDEO x1, VIDEO x1</b>
Internal memory	<b>4GB</b>
External memory	<b>USB Flash Drive</b>
Power rating	<b>100–240V 50/60HZ 2.0–1.1A</b>
Dimensions (W x H x D)	<b>395 x 210 x 485mm (including projection)</b>
Weight	<b>15.0kg</b>
Optical radiation safety	<b>Class 1 LED product</b>

\* Excluding 590 series endoscopes, EG-530UT2, EG-530UT, EG-530UR2 and EG-530UR.

## VIDEO PROCESSOR **EPX-3500HD**

### ENDOSCOPIC DIAGNOSTICS AND THERAPY



The EPX-3500HD, with its excellent image processing technology, is intended to be useful for endoscopic diagnostics and therapies. It provides clear images by using several functions such as structure enhancement (FICE), automatic light control and Anti-Blur. The EPX-3500HD is compatible with our full range of 500 and 600 series endoscopes. Three patterns of FICE, which enhances the colour tone of the endoscopic images by image processing, are pre-defined and can be easily operated by pressing the scope switch button. Thanks to the Anti-Blur function, all captured images are documented in razor-sharp detail. During the archiving stage, the video processor automatically selects and saves the cleanest image.

#### VP-3500HD Processor

Compatible scopes	600, 500 series
Output	DVI-D x2, RGB-TV x1, S VIDEO x1, VIDEO x1
External memory	USB Flash Drive
Power rating	100–240V ± 10% 50/60HZ 1.0–0.3A*
Dimensions (W x H x D)	390 x 105 x 460 mm
Weight	8.0 kg

#### XL-4450 Light Source

Light source	300W Xenon lamp LMP-002
Air supply pump	High, Mid, Low, Off
Power rating	230V ± 10% 50Hz 1.7A/120V ± 10% 60Hz 3.3A
Dimensions (W x H x D)	390 x 155 x 450 mm
Weight	15.0 kg



\* less than 90VA



# ULTRASONOGRAPHY SYSTEMS WITH NUMEROUS MODES

Ultrasonography changed the clinical approach to patients with digestive and respiratory diseases. Today, ultrasonography is being used to examine and visualise internal body structures for possible lesions, supporting definitive diagnosis and helping doctors decide on suitable treatment approaches.

## EUS Tower: All-in-one concept

Years of research and development to reduce patient discomfort and improve operator efficiency during endoscope examinations led to the development of Sonart, the integration of ultrasonographic diagnosis and endoscopy systems. With the aim of supporting accurate diagnoses, proprietary image processing technology integrates improved endoscope manoeuvrability and insertion capability. The compact, one-cart system supports various applications.

**VARIOUS  
IMAGING  
MODES**





## ENDOSCOPIC ULTRASONIC PROCESSOR **SU-1**

Power supply	Power rating	AC 100–240V
	Frequency rating	50Hz/60Hz
	Power consumption	2.0–1.2A
Size	Dimensions (W x H x D)	390 x 135 x 485mm
	Weight	13.0kg
Ultra-sonography image display	Scanning method	Electronic scanning
	Probe types	Curved linear array / Radial
	Scanning modes	B, M, CD, PD, PW, THI, CH, F-FLOW
	Special modes	Elastography / CHI
Received signal processing	Received gain correction	0–100, 2-step
	STC	6-step gain settings per depth
	Sound speed correction	Full screen ROI settings
Display	Dynamic Range	40–100, 5-step
	PinP	Endoscopic/Ultrasound Imaging
Applicable	Observation screen	Hospital/Date/Time/Patient
	Curved linear array	EG-580UT, EG-530UT2, EB-530US
Frequency	Radial	EG-580UR, EG-530UR2
		5MHz, 7.5MHz, 10MHz, 12MHz
Image input terminal	DVI image input terminal	1
	Video terminal	1
	S-video terminal	1
	RGB TV terminal	1
	DVI terminal (digital)	1
	DVI terminal (digital/analog)	1
Image output terminals	HD-SDI terminal	2
	RCA terminal	1
Sound output	Remote terminal	2
	Remote terminal (input)	1
	RS-232C terminal	1
	Keyboard terminal	1
	Foot switch terminal	1
	Network terminal	1
Measurement function	Measurement items	Distance, perimeter, area, volume, flow speed
	Data formats	JPEG, TIFF, DICOM, AVI
Storage	Storage device	Internal/External memory (USB)
	Cine memory	Storage/Playback
Accessories		Keyboard and foot switch

### Functionality

Image Modes	B- Mode	Fundamental Mode
	Frequency rating	Tissue Harmonic Imaging
	CH	Compound Harmonic Imaging
Doppler Mode	CHI	Contrast Harmonic Imaging
	PW	Pulse Wave Doppler
	CD	Colour Doppler
	PD	Power Doppler
Other	F-Flow	
	M-Mode	Motion Mode
Imaging	Elastography	
	PIP	Picture in Picture (realtime)
Storing	Biopsy	Visibility of Puncture Range
	Image Store	via Keyboard, Footswitch or Scope Button
	Clip Store	via Keyboard, Footswitch or Scope Button
	Internal SSD	JPEG, TIFF, DICOM, AVI
	USB	JPEG, TIFF, DICOM, AVI
	FTP	JPEG, TIFF, DICOM, AVI
	DICOM	

Easy-to-clean flat keyboard for use by touch panel and touch pad, also available with trackball keyboard





## ULTRASONIC ENDOSCOPE **EG-580UT** Curved Linear Array Scan



The endoscope with a small bending radius and short rigid section enables easy access to the targeted areas. A wide puncture range enables FNA (Fine Needle Aspiration Biopsy) from a variety of positions to achieve broader accessibility. The 40° front oblique view and 140° endoscopic field of view is expected to reduce stress during the insertion process. Combined with powerful 150° up-angulation, the scope is suitable for both observation and therapeutic procedures.

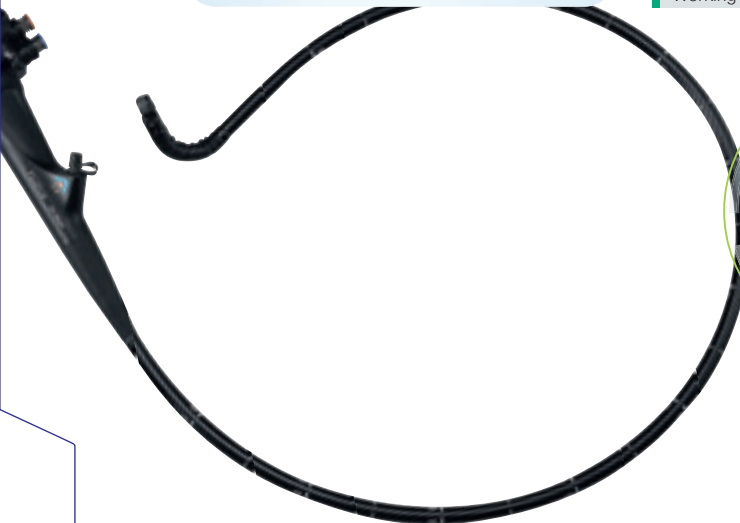


### Endoscopic functions

Viewing direction	40° (Forward oblique)
Observation range	3–100 mm
Field of view	140°
Distal end diameter	13.9mm
Flexible portion diameter	12.4 mm
Bending capability	Up 150°/Down 150° Right 120°/Left 120°
Working length	1,250mm
Overall length	1,550 mm
Working channel diameter	3.8mm

### Ultrasonic functions

Scanning mode	Colour Doppler, Power Doppler, Pulse Doppler, B mode, M mode, F-Flow
Scanning method	Electronic curved linear array scan
Scanning angle	150° (in combination with SU-1)
Frequency	5MHz/7.5MHz/ 10MHz/12MHz



### 40° FRONT OBLIQUE 140° ENDOSCOPIC FIELD



### FORCEPS ELEVATOR ASSIST

The Forceps Elevator Assist function ensures a steady maximum UP forceps elevation when the lever on the control portion is pulled down completely and clicks into place. This function reduces strain on the thumb caused by repeatedly operating the lever during procedures. It also supports flexible and subtle endoscopic operations during therapeutic procedures and stable puncture trajectory.



Hold maximum UP forceps elevator

## ULTRASONIC ENDOSCOPE **EG-580UR** Radial Scan



The shorter rigid section with a slim distal end of 11.4 mm, an upward bending capability of 190° and a direct forward view are designed to be useful to operate in almost the same way as with a standard gastroscope. The enhanced manoeuvrability supports the approach in retroflex observation of fundus and cardia.



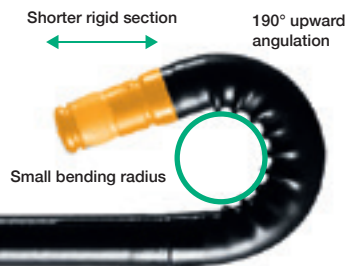
### Endoscopic functions

Viewing direction	0°
Observation range	3–100 mm
Field of view	140°
Distal end diameter	11.4 mm
Flexible portion diameter	11.5 mm
Bending capability	Up 190° / Down 90° Right 100° / Left 100°
Working length	1,250 mm
Overall length	1,550 mm
Working channel diameter	2.8 mm

### Ultrasonic functions

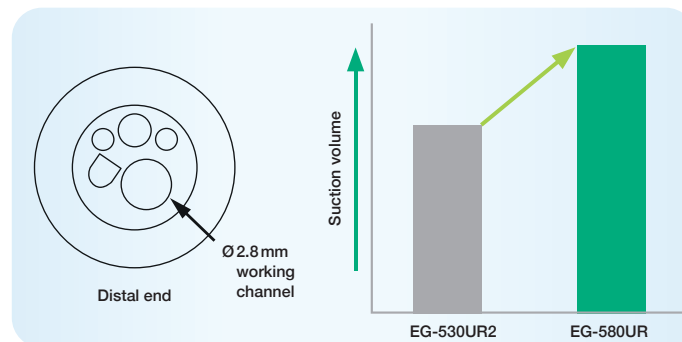
Scanning mode	Colour Doppler, Power Doppler, Pulse Doppler, B mode, M mode, F-Flow
Scanning method	Electronic radial scan
Scanning angle	360° (in combination with SU-1)
Frequency	5MHz/7.5MHz/ 10MHz/12MHz

### GREAT APPROACH ABILITY



### Ø2.8MM WORKING CHANNEL SUPPORTING IMPROVED SUCTION POWER

The use of a larger working channel of Ø2.8 mm allows easy suctioning of blood and bodily fluids, providing a clear view during endoscopic observation.



**SLIM  
DISTAL END  
11.4 MM**



THIRD PARTY PRODUCTS

# MONITORS



**EIZO Curator  
EX 3241:  
FOR A 4K  
RESOLUTION  
IN COMBINATION  
WITH THE  
ELUXEO  
SYSTEM**

NEW

32" LCD monitor with 4K UHD resolution

## EIZO 32" CuratOR (UHD)\*

LED backlight with high brightness of 700 cd/m<sup>2</sup>, high-resolution of 3840 x 2160 px (4K), optical bonding for reduced reflections

Input signal	DisplayPort (HDCP 1.3), HDMI (HDCP 2.2/1.4), BNC (12G-SDI), BNC (3G-SDI), DVI-D x 2 (HDCP 1.4)
Output signal	BNC (12G-SDI), BNC (3G-SDI), DVI-D
Dimensions (W x H x D)	760 x 463 x 87 mm
Weight	12.8 kg



27" HD type LCD monitor with ultra bright LED Backlight

## RADIANCE® 27" ULTRA\*\* HD Full HD endoscopy

High-Definition, Colour Correction Technology (CCT), Full Multi-Modality, Gorilla Glass front panel

Input signal	HD-SDI x 2, DVI-D, DVI-I, RGBS, YPbPr, S-Video, Composite, VGA
Output signal	HD-SDI, DVI, RGBS, YPbPr/VGA, S-Video, Composite
Dimensions (W x H x D)	678 x 445 x 84 mm
Weight	8.9 kg



26" HD type with LED Backlight

## EIZO 26" COLOUR LCD\* HD Full HD endoscopy

High-Definition Full Multi-Modality

Input signal	BNC 3G-SDI, BNCx1, BNC (RGB C-Sync, Composite), S-Video, DVI-D
Output signal	DVI 2, SDI 1/2, Component, Composite, S-Video
Dimensions (W x H x D)	643 x 369 x 83 mm
Weight	8.4 kg



\* Manufactured by EIZO Corporation, Japan

\*\* Manufactured by NDS Surgical Imaging, LLC, USA

Monitors might not be available in all countries. Please check with your local partner. Radiance monitors include Fujifilm BlaOS for the best performance.



# OUR COMMITMENT TO **SERVICE**

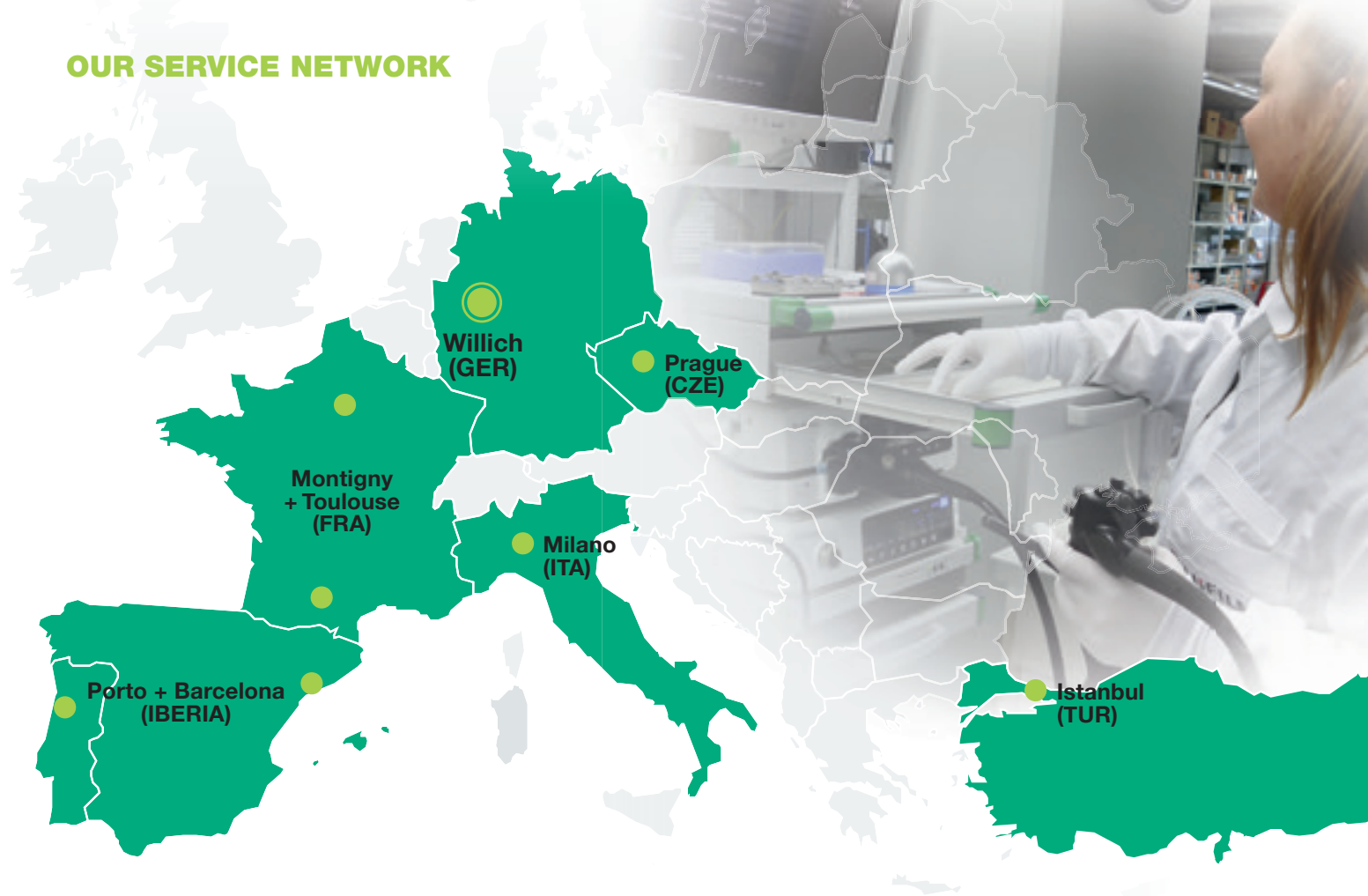
## THINK GLOBALLY – ACT LOCALLY

Our service strategy aims for highest customer satisfaction by offering a comprehensive service and being close to the local markets. Eight service centers with the headquarters in Willich (Germany) are spread over Europe and employ highly qualified in-house technicians and experts in the field, allowing faster and better coverage of all customer needs.

## OUR FULL COMPREHENSIVE SERVICE CONTRACT COVERS:

- In-house repair service
- All repair costs
- Highly qualified field service engineers
- Large variety of loan devices
- Maintenance service and damage prevention
- Support for reprocessing and on-site consulting

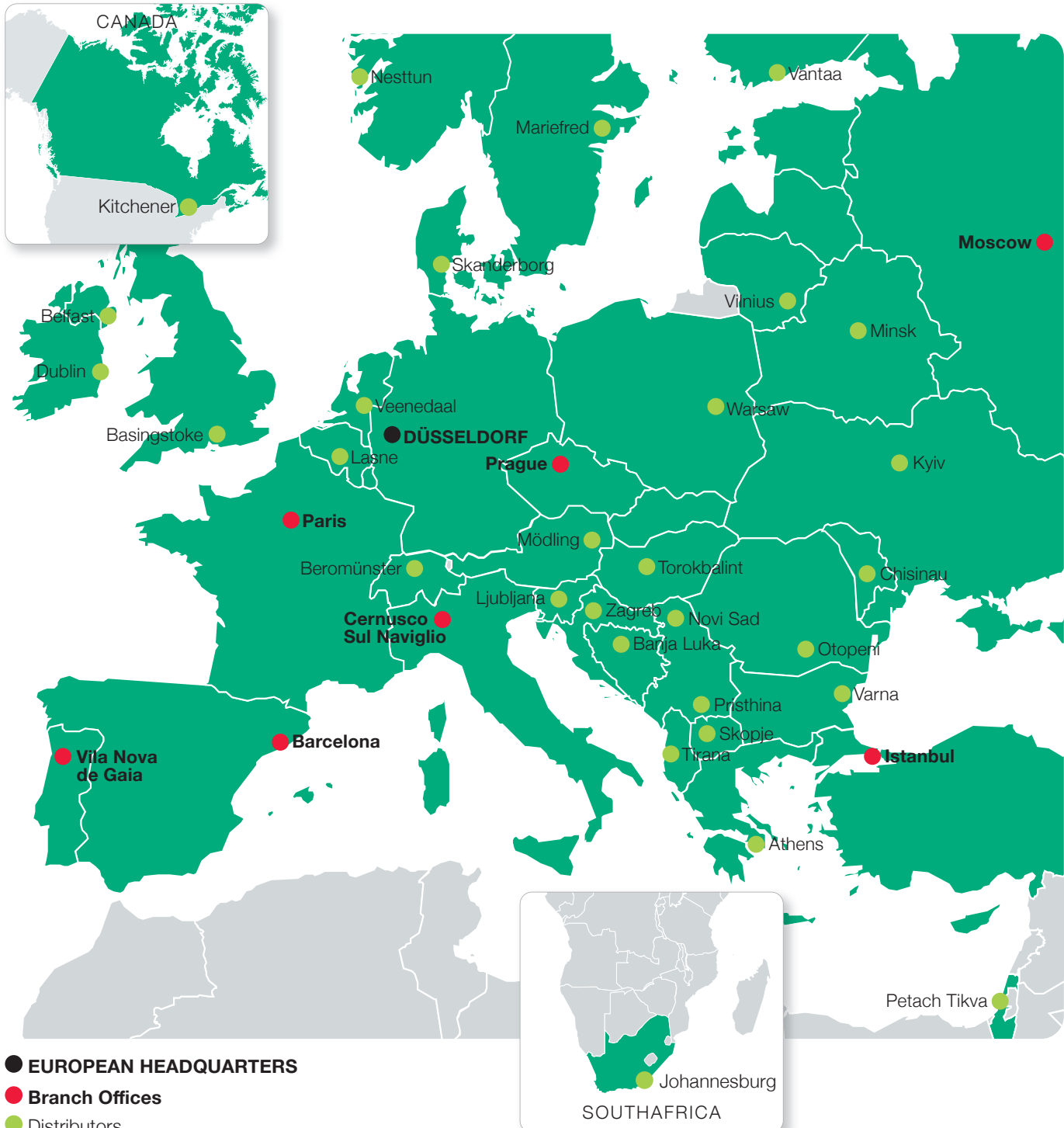
## OUR SERVICE NETWORK



# POWERED BY PARTNERSHIP

Fujifilm, a pioneer in the field of diagnostic imaging and information systems for medical institutions, operates in about 50 group companies in Europe and employs over 4,500 people engaged in R&D, manufacturing, sales and service. Dialogue and continuous partnership have a special significance for us and at our locations.

Our products and technologies are constantly being developed in agreement with you to meet your specific needs. Your contact partners are available for you – no matter where you are. Living this kind of partnership inspires us to do all we can to make the world a little better.





# PRODUCT RECOMMENDATIONS

Recommended endoscopes for different gastrointestinal segments	Diseases	Special endoscopes to cope with these diseases	Special features of the special endoscope	Endoscopes for further diagnosis
<b>Oesophagus</b>				
EG-760R EG-760Z EG-740N EG-760CT EG-720R EG-600WR EG-580NW2 EG-580UR EG-580UT EG-530D EG-530NP	Zenker diverticle	EG-760CT; EG-580RD; EG-530D	WCH* 3.2; WCH 3.8; dual channel	
	Other oesophagus diverticle	EG-760CT; EG-530D	WCH 3.8; dual channel	
	Barrett oesophagus	EG-760CT; EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	EG-580UT/UR
	Oesophagitis	EG-760CT; EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	
	Mallory Weiss syndrome	EG-760CT	WCH 3.8	
	Oesophagus varices	2 endoscopes prepared		
	Tumors	EG-760CT; EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	EG-580UT/UR
	Squamous cell carcinoma	EG-760CT; EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	EG-580UT/UR
	Achalasia/POEM	EG-760R; EG-760CT	WCH 3.8	
	Stenosis	EG-740N; EG-580NW2; EG-530NP	Small outer diameter	EG-580UT/UR
<b>Gastro intestinal</b>				
EG-760R EG-760Z EG-740N EG-760CT EG-720R EG-600WR EG-580NW2 EG-530D EG-530NP	Gastritis	EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	
	Dyspepsia	EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	
	Ulcus ventriculi	EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	EG-580UT/UR
	Ulcus perforation	EG-760CT; EG-580RD; EG-530D	WCH 3.2; WCH 3.8; dual channel	
	Ulkus carcinomas	EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	EG-580UT/UR
	Ulkus bleeding	EG-760CT; EG-580RD; EG-530D	WCH 3.8; WCH 3.2; dual channel	
	Gastro carcinomas	EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	EG-580UT/UR
	Praekanzerosen	EG-760Z; EG-760R; EG-720R; EG-600WR	Magnification, high-quality images	EG-580UT/UR
	Stomach exit stenosis	EG-740N; EG-580NW2; EG-530NP	Small outer diameter	
	Vessel abberation	EG-760CT; EG-530D	WCH 3.8; dual channel	EG-580UT/UR
Fundus varices	EG-760R; EG-760CT	WCH 3.8		
<b>Duodenum</b>				
EG-760R EG-760Z EG-740N EG-760CT EG-720R EG-600WR EI-580BT EG-580UT/UR EG-530D EG-530NP	Duodenitis	EG-760Z; EG-760R; EG-720R; EG-600WR; (EI-580BT)	Magnification, high-quality images, stabilises position	
	Duodenal ulcer	EG-760Z; EG-760R; EG-720R; EG-600WR; (EI-580BT)	Magnification, high-quality images, stabilises position	
	Coeliac disease	EG-760Z; EG-760R; EG-720R; EG-600WR; (EI-580BT)	Magnification, high-quality images, stabilises position	
	Bleeding	EG-760CT; (EI-580BT); EG-530D	WCH 3.2; WCH 3.8; dual channel, stabilises position	
	Tumors	EG-760Z; EG-760R; EG-720R; EG-760CT; EG-600WR; (EI-580BT)	Magnification, high-quality images, stabilises position	EG-580UT/UR

\* Working Channel

Recommended endoscopes for different gastrointestinal segments	Diseases	Special endoscopes to cope with these diseases	Special features of the special endoscope	Endoscopes for further diagnosis
<b>Small Intestine</b>				
EN-580T EN-580XP	Tumors of the small intestine	EN-580T	Bigger working channel	
	Erosive and ulcerated defects	EN-580XP	Small outer diameter	
	Bleeding	EN-580T	Bigger working channel	
	Vessel anomaly	EN-580T	Bigger working channel	
<b>Biliary Tract and Pancreas</b>				
EN-580T EN-580XP EI-580BT EG-580UT/UR ED-580XT	Bile duct stones	EI-580BT; ED-580XT	Stabilises position	EG-580UT/UR
	Cholelithiasis	EI-580BT; ED-580XT	Stabilises position	
	Postoperative alterations	EI-580BT; ED-580XT	Stabilises position	
	Malignant stenosis	EI-580BT; ED-580XT	Stabilises position	EG-580UT/UR
	Tumors of the papilla	EG-760Z; EG-760R; EG-720R; EG-600WR; EI-580BT; ED-580XT	Magnification, high-quality images, stabilises position	
	Environmental Tumors	EG-760Z; EG-760R; EG-720R; EG-600WR; EI-580BT	Magnification, high-quality images, stabilises position	EG-580UT/UR
	Infections	EG-760Z; EG-760R; EG-720R; EG-600WR; EI-580BT	Magnification, high-quality images, stabilises position	
<b>Colon</b>				
EC-760ZP-VM/VL EC-760R-VM/VI/VL EC-760P-VM/VL EC-740TM/TL EC-720RM/RI/RL EC-600WM/WI/WL EN-580T EN-580XP EG-580UT/UR EC-530DM/DL ES-530WE	Colorectal polyps	EC-760ZP-VM/VL; EC-760R-VM/VI/VL; EC-760P-VM/VL; EC-740TM/TL; EC-720RM/RI/RL; G-EYE 760R; EC-600WM/WI/WL	Magnification, high-quality images, Smart Bend	
	Flat adenomas	EC-760ZP-VM/VL; EC-760P-VM/VL; G-EYE 760R	Magnification, high-quality images	
	Malignant Tumors	EC-760ZP-VM/VL; EC-760P-VM/VL; G-EYE 760R	Magnification, high-quality images	EG-580UT/UR
	Intestinal inflammation	EC-760ZP-VM/VL; EC-760R-VM/VI/VL; EC-760P-VM/VL; EC-720RM/RI/RL; G-EYE 760R; EC-600WM/WI/WL	Magnification, high-quality images	
	Irritable bowel syndrome	EC-760ZP-VM/VL; EC-760R-VM/VI/VL; EC-760P-VM/VL; EC-720RM/RI/RL; G-EYE 760R; EC-600WM/WI/WL	Magnification, high-quality images	
	Ulcerative colitis	EC-760ZP-VM/VL; EC-760R-VM/VI/VL; EC-760P-VM/VL; EC-720RM/RI/RL; G-EYE 760R; EC-600WM/WI/WL	Magnification, high-quality images	
	Crohn's disease	EC-760ZP-VM/VL; EC-760R-VM/VI/VL; EC-760P-VM/VL; EC-720RM/RI/RL; G-EYE 760R; EC-600WM/WI/WL	Magnification, high-quality images	
	Hemorrhoids	2 endoscopes prepared		
	Anal diseases	EC-760P-VM/VL; EC-740TM/TL; G-EYE 760R	Smart Bend	

All endoscopes are compatible with the video processors ELUXEO™ 7000 system, ELUXEO™ Lite EP-6000 and EPX-3500HD. All endoscopic ultrasonography systems are compatible with processor SU1.

This overview contains selected information and recommendations and does not purport to be complete.



# OUR SERVICE



**NEVER  
STOP**

**FUJIFILM**

**FUJIFILM Europe GmbH**

Heesenstr. 31, 40549 Düsseldorf, Germany  
Tel.: +49 211-50 89 0, Fax: +49 211-50 89 8700  
[www.fujifilm-endoscopy.com](http://www.fujifilm-endoscopy.com), [endoscopy\\_eu@fujifilm.com](mailto:endoscopy_eu@fujifilm.com)



Specifications are subject to change without notice. The name FUJIFILM and the FUJIFILM logo are trademarks of FUJIFILM Corporation. All other trademarks shown are trademarks of their respective owners. All rights reserved. SAP70170009895\_04/2021.