



Fujifilm: Innovations in Endosurgery & MIS.url

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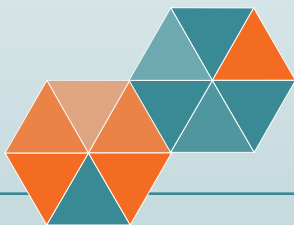
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# The Fujifilm EI-580BT Short Double Balloon Endoscope



Access More:



The Fujifilm EI-580BT Short Double Balloon endoscope is engineered to overcome challenges inherent in navigating through tortuous anatomy by utilizing the endoscope's Double Balloon technology to pleat the intestine and provide access to altered anatomy, while maintaining a working channel length that accommodates the use of standard devices.



### The EI-580BT Short Double Balloon Endoscope

Developed to meet the needs of challenging anatomy cases, the Fujifilm EI-580BT Short Double Balloon Endoscope is designed to help gain access and enable treatment of patients with altered or challenging anatomy.

#### *Instrument Channel Diameter*

The endoscope features a large working channel of 3.2 mm in diameter, which allows endoscopists to utilize up to 8.5 Fr devices, or employ a double guidewire technique using a 0.25 wire and 7 Fr. device.

#### *Control Portion Ergonomics*

The Fujifilm G7 scope grip is ergonomically designed to enhance comfort with a rounded handle surface, enabling intuitive operation. The angulation of the buttons and knobs on the scope handle is designed to provide pressure relief, helping to minimize metacarpal fatigue and optimize procedural performance.

#### *Optimal Working Length*

The EI-580BT Short Double Balloon Endoscope features a working length of 155 cm that is compatible with standard devices.

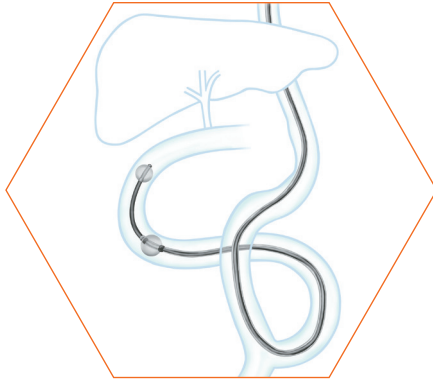




## Applications for Double Balloon Technology

Two balloons are designed to work together to pleat the intestine, enabling access to the targeted anatomy. This technology is ideal for navigating through the:

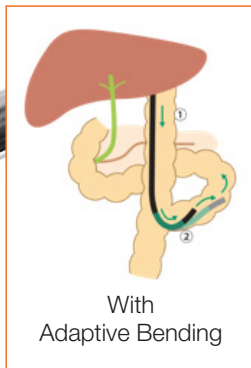
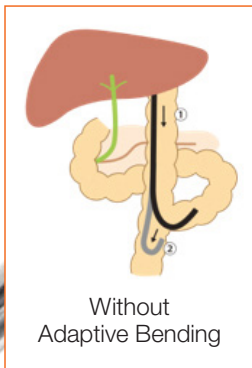
- Duodenum
- Small Intestine
- Large Intestine
- Rectum



## Processor Technology

The EI-580BT Short Double Balloon Endoscope is compatible with the ELUXEO™ Endoscopic Video Imaging System. ELUXEO's innovative 4-LED Multi-Light illumination technology creates high quality images, with videos displayed in full HD.

Additionally, the EI-580BT Short Double Balloon Endoscope is compatible with the Fujifilm VP-4440HD processor, to ensure compatibility with existing systems.

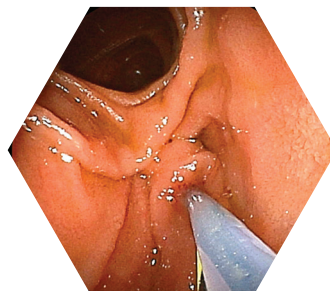
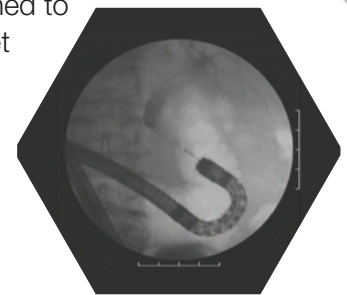


## Adaptive Bending

- Enables easy insertion into the challenging anatomy with the soft flexible end portion.
- Supports deeper insertion even through post-surgical adhesions of the intestinal tracts.

## Direct Viewing of Target Anatomy

The front-viewing capability and small turning radius of the distal tip are designed to provide easy orientation to target anatomy.



## Device Position

The device exits at the 5 o'clock position to facilitate direct access.





## Your Reliable Partner for Service and Support.

Your EI-580BT Short Double Balloon Endoscope comes 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.

## EI-580BT Short Double Balloon Endoscope Specifications

Scope Category	Double Balloon
Model	EI-580BT
Viewing Direction	Forward
Field of View	140°
Observation Range	2-100 mm
Distal End Diameter	9.4 mm
Flexible Portion Diameter	9.3 mm
Instrument Channel Diameter	3.2 mm
Working Length	1550 mm
Bending Capability (Up/Down)	180°/180°
Bending Capability (Right/Left)	160°/160°

**For more information, contact your Fujifilm representative today, or call 1.800.385.4666.  
[www.fujifilmendoscopy.com](http://www.fujifilmendoscopy.com)**

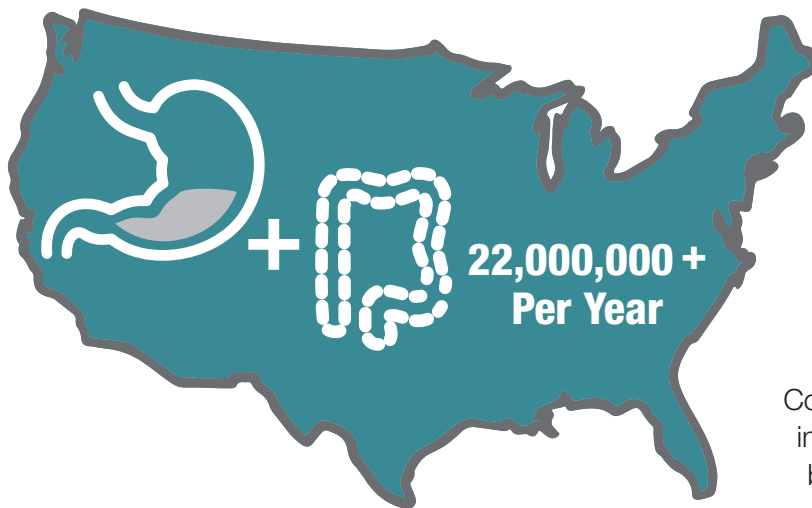
# Your Next-Generation Endoscopy Suite is Here.



**ELUXEO®**

## It's time to reimagine innovation in your practice.

Today's gastroenterologists face increasing challenges and opportunities to drive practice growth and advance patient care. As the US population ages, the colorectal screening age lowers, and new endoscopic techniques come to the forefront of care delivery, opportunities increase to drive more patient volume and improved outcomes for your practice.



**More than 22 million GI endoscopies performed annually in the U.S.<sup>1</sup>**

Being able to innovate empowers you to face these challenges and take advantage of the opportunities in front of you. Key to your success as you move forward is who you choose next as your endoscopic imaging technology partner.

Consider that Fujifilm is the only endoscopic imaging technology company that has brought – and consistently continues to bring – modern, innovative endoscopic imaging technology to the US market.



**Gastroenterology faces 4% payment cuts for common procedures in diagnostic endoscopy<sup>2</sup>**

Since 2018, Fujifilm has delivered more than 20 new endoscopic technology innovations to the US market, including state-of-the-art endoscopic imaging systems, endoscopes for diagnostic and therapeutic applications, and single use devices that help advance the field of endoscopy.

More and more, healthcare facilities across the US rely on Fujifilm endoscopic imaging technologies to help them advance their practice.

1. NIH National Library of Medicine. Burden and Cost of Gastrointestinal, Liver, and Pancreatic Diseases in the United States: Update 2021. <https://pubmed.ncbi.nlm.nih.gov/34678215/>

2. CMS. Final Policy, Payment, and Quality Provisions Changes to the Medicare Physician Fee Schedule for Calendar Year 2021. As published on CMS.gov Dec. 1, 2020. <https://www.cms.gov/newsroom/fact-sheets/final-policy-payment-and-quality-provisions-changes-medicare-physician-fee-schedule-calendar-year-1>





## Reimagine your endoscopy partner: Fujifilm.

Fujifilm is a market leader and trusted partner in the field of endoscopy – delivering value from innovation to empower gastroenterologists and their staff to take on today's practice challenges with its comprehensive and expanding next-generation portfolio of innovative endoscopic technologies to aid care delivery and achieve operational efficiencies.

Fujifilm's ELUXEO® Endoscopic Imaging System and full portfolio of endoscopes for GI physicians are unparalleled in delivering a unique combination of clarity, versatility, and accessibility to enhance practice performance in high volume settings, backed by industry-proven technology service and support.





# ELUXEO®

State-of-the-art imaging technology  
with a comprehensive portfolio of endoscopes



**Advancing your practice starts  
with superior imaging.**

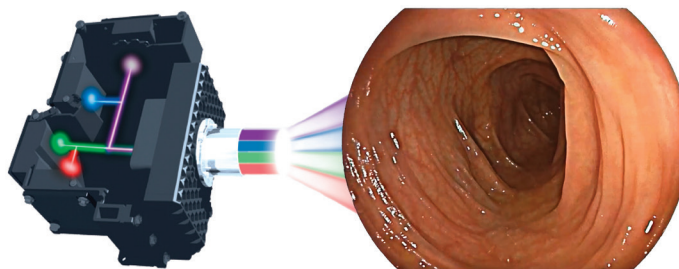
A powerful video imaging system is the foundation of any advanced endoscopic platform. Leveraging decades of experience as a pioneer in imaging technology, Fujifilm's ELUXEO® Endoscopic Imaging System features the latest advancements in endoscopic imaging to deliver unmatched clarity and innovative image enhancement capabilities.



## Improved Illumination Using Variable LED Light Intensity

### Unparalleled Image Quality

Fujifilm delivered a revolutionary upgrade with Multi-Light Technology, replacing legacy xenon lamps with independently regulated LEDs to achieve optimal results in illumination. The ideal composition of LED output has been developed to elevate clarity in White Light Imaging and unlock new capabilities with Image Enhanced Endoscopy (IEE).



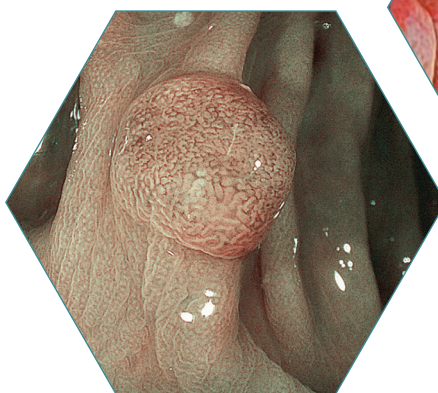
*The ideal composition of LED output achieves brilliant illumination and high contrast White Light Imaging*

### LCI: Designed to Improve Detection

Through a combination of pre- and post-processing, Linked Color Imaging (LCI<sup>®</sup>) differentiates the red color spectrum to enhance mucosal visualization. LCI is designed to improve detection in several endoscopic procedures, all at the touch of button.

### BLI: Confidence in Pre-therapeutic Assessment

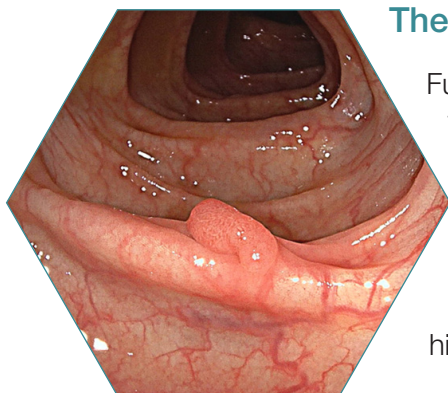
By emphasizing output of short wavelength light, which is readily absorbed by hemoglobin, Blue Light Imaging (BLI) allows enhanced visualization of microvessels for confident characterization of gastrointestinal lesions.



*Blue Light Imaging*



*Linked Color Imaging*



## The CMOS Technology Advantage

Fujifilm's leading-edge CMOS Image Sensor chip is built directly into the tip of the scope, quickly transforming the analog signal to digital at the site of examination. This ensures brilliant image transmission with reduced noise.

CMOS Technology supports 60 frames progressive scanning, where complete images are processed rather than half-frames. The result is a high-resolution, smooth moving image with reduced blurring.



## A diagnostic scope portfolio that delivers efficiency, ergonomics, and control

Fujifilm’s comprehensive 700 Series endoscope portfolio delivers customized solutions on a single platform to enhance and expand your procedural capabilities. Featuring models aimed at addressing the challenges faced by gastroenterologists every day, this wide array of colonoscopes and gastroscopes offers unique ways to harness greater efficiency and leverage flexibility to help improve quality.

Fujifilm’s EC-760R “Hybrid” colonoscope is an example of innovation aimed at efficiency – offering an ideal combination of clinical performance and broad utility. With advanced engineering focused on improved maneuverability and control, along with a Flexibility Adjuster, EC-760R has been demonstrated to perform in a wide variety of patient anatomies, offering the potential to reduce inventory and minimize procedural delays.



## Increase Diagnostic Confidence with LCI

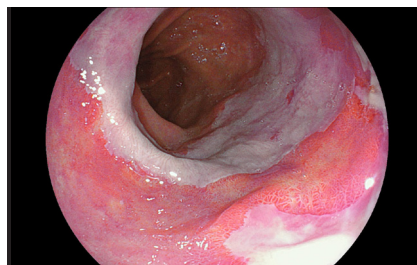
### Colonic Polyp Detection



LCI has consistently demonstrated an increase in ADR and adenomas per patient compared to white light.

*Shinozaki et. al. Colon polyp detection using linked color imaging compared to white light imaging: Systematic review and meta-analysis Dig Endosc. 2020 Sep;32(6):874-881*

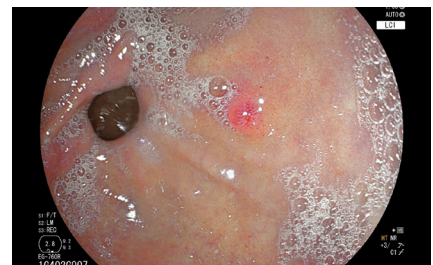
### Barrett’s Esophagus Assessment



LCI has been shown to increase the visibility of Barrett’s esophagus and esophageal adenocarcinoma.

*Tokunaga M et al. The efficacy of linked color imaging in the endoscopic diagnosis of Barrett’s esophagus and esophageal adenocarcinoma. Gastroenterol Res Pract 2020;2020:9604345.*

### Early Gastric Cancer



LCI significantly improves visibility of early gastric cancer compared to conventional white light.

*Khurelbaatar, T et al. (2021), Usefulness of linked color imaging for the detection of obscure early gastric cancer: a multivariate analysis of 508 lesions. Digestive Endoscopy. Accepted Author Manuscript. <https://doi.org/10.1111/den.14221>*





### **Adaptive Bending†:**

#### **Aids in preventing loop formation**

The flexible bending section has been designed to return more easily to its straight position after passing through the tight curves of the colon, thereby reducing the formation of loops.

### **Advanced Force Transmission†:**

#### **Enabling control, even during difficult insertion**

The flexible portion is designed to transmit the pushing, pulling and rotating movements from the hand to the distal end of the endoscope, giving the gastroenterologist more control and maneuverability.

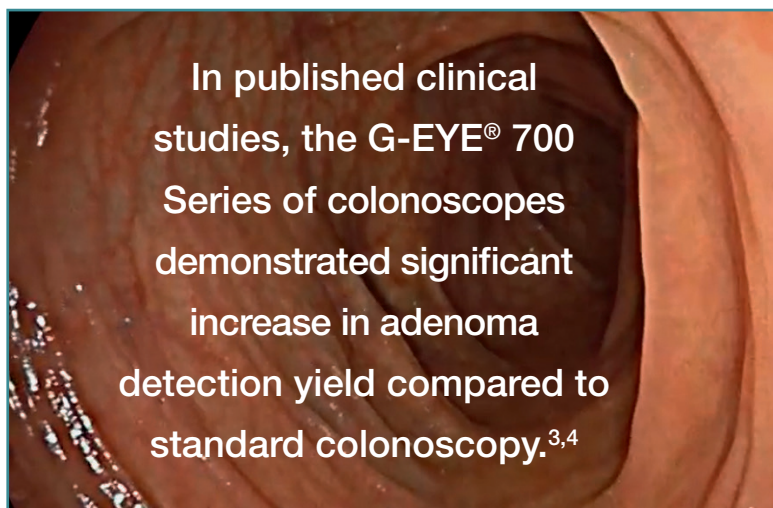
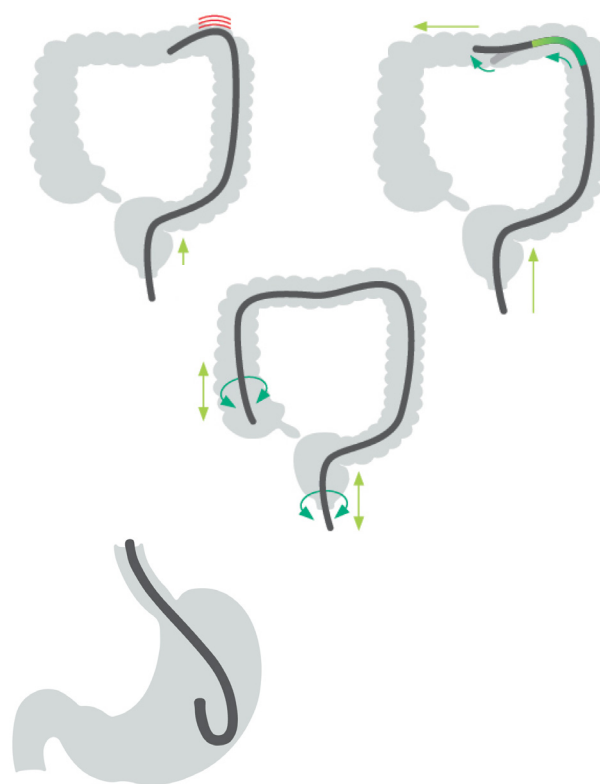
### **Reliable Retroflexion**

Reliable control of distal end angulation is often critical in both diagnostic and therapeutic procedures. Fujifilm 700 Series endoscopes are engineered to deliver more responsive bending and sustained angulation performance.

For improved retroflexion in narrow lumens and for treatment in difficult to reach areas, Fujifilm offers three endoscopes equipped with 210° up angulation and Smart Bend technology.

### **See More of Mucosal Surface with G-EYE® 700 Series Colonoscopes**

G-EYE® 700 Series Colonoscopes are an innovative technology developed by Smart Medical Systems Ltd., and distributed in the U.S. by Fujifilm, further expanding Fujifilm's broad portfolio of colonoscope offerings. G-EYE® models are equipped with an integrated, reusable, reprocessable balloon at the bending section of a Fujifilm 700 Series Colonoscope that can be inflated on demand to assist in visualization, stabilization, and control during colonoscopy.



†Advanced Force Transmission and Adaptive Bending capabilities are included on all Fujifilm EC-760 colonoscope models.



3 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)

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




## A comprehensive lineup empowering advancement in endoscopic treatment

In addition to innovation aimed at efficiency and control in diagnostic procedures, the ELUXEO 700 Series portfolio includes several novel solutions empowering advancement in interventional endoscopy.

Model	Description	Application/Benefit
EI-740D/S	<b>Dual Channel Gastroscope/Sigmoidoscope</b> 	<b>Distinct treatment advantages for applications in Third Space Endoscopy</b> <ul style="list-style-type: none"> <li>• Compatible with Apollo Overstitch™ and optimized for use in endoscopic suturing</li> <li>• Compatible with TRACMOTION for Endoscopic Submucosal Dissection (ESD)                             <ul style="list-style-type: none"> <li>• 210° up angulation enables complex therapy in retroflexion</li> </ul> </li> <li>• Dual channels of 3.7mm &amp; 3.2mm accommodate a range of devices; with suction capability even while devices are in use</li> <li>• FDA cleared for use in both upper and lower GI applications</li> </ul>
EC-740T/L	<b>Ultra-slim Colonoscope</b> 	<ul style="list-style-type: none"> <li>• SmartBend technology and 210° up angulation for ESD in challenging anatomy</li> </ul>
G-EYE® 760 Series**	<b>Balloon Colonoscopes</b>	<ul style="list-style-type: none"> <li>• Integrated, reusable, reprocessable balloon assists in visualization of mucosal surface, providing stabilization and control during advanced resection</li> </ul>

### Optical Multi-Zoom Technology

EG-760Z	<b>Zoom Gastroscope</b>	<ul style="list-style-type: none"> <li>• Optical Magnification up to 145x*</li> <li>• For ease of characterization and margin delineation of lesions prior to resection, providing a highly detailed view of the mucosal surface and vascular patterns</li> <li>• Enables visualization of blood flow and RBCs</li> <li>• Available at the touch of a button</li> </ul> 
EC-760Z-V/L	<b>Zoom Colonoscope</b>	
EC-760ZP-V/L	<b>Zoom Slim Colonoscope</b>	

\*When used with a 26" monitor.



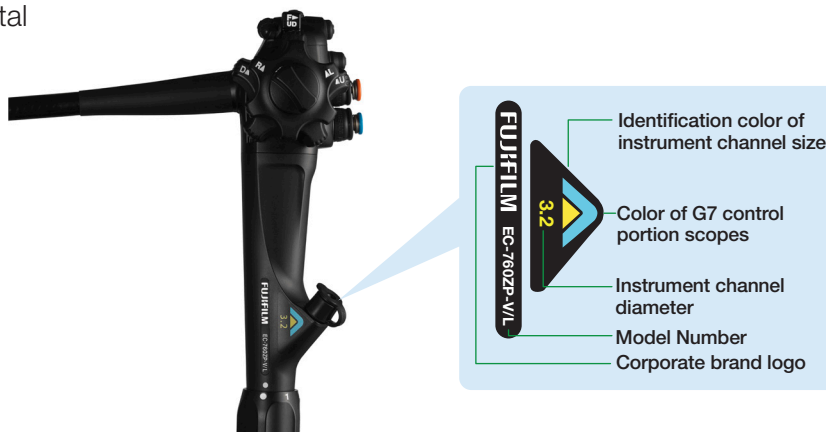
## Value From Innovation

Every aspect of the ELUXEO Endoscopic Imaging System is expertly designed to not only instill confidence in imaging, but also confidence in system durability. From the ELUXEO® 1-Step Connection and integrated wireless, contactless power supply for high speed data transmission to the 6-year longevity of the ELUXEO LED light source,\* Fujifilm innovation helps reduce cost and increase operational efficiency while also reducing the potential for accidental damage during the use and processing of equipment.

## Workflow Efficiency

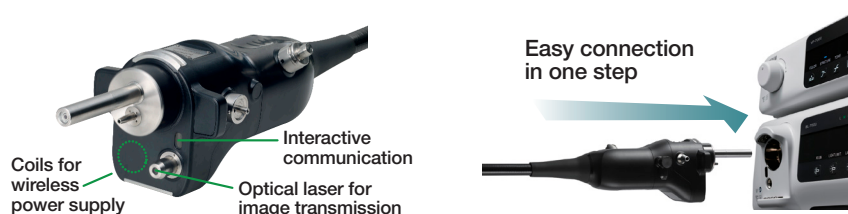
### Easy Instrument Identification

700 Series endoscopes display information needed to quickly and efficiently choose compatible accessories.



### One-Step Connection for Efficiency

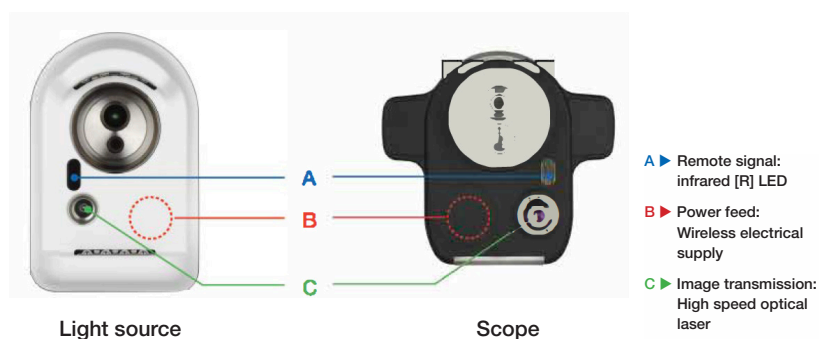
One-Step Connector eases system plug-in to enhance clinical workflow.



## Durability

### Contact-Free Technology

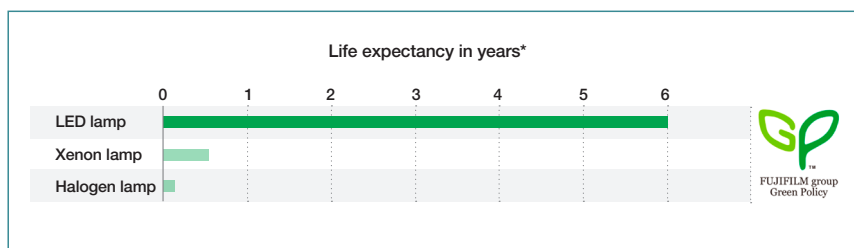
Fujifilm 700 Series endoscopes incorporate an integrated wireless power supply with high-speed transmission of data. Contact-free technology simplifies the cleaning process and reduces the potential for accidental damage.



## Reduced Cost of Ownership

### LED Multiple-Light Technology



With an extended life expectancy of up to six years\*, the ELUXEO LED light source minimizes time-consuming and costly light bulb replacements compared with conventional Xenon lamps.







\* Based on OEM manufacturer and Fujifilm evaluation.

# ELUXEO® Endoscopic Imaging System Portfolio Product Specifications


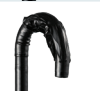

## ELUXEO® Endoscopic Video Imaging System

Model		Description		
	VP-7000	Video Processor	Video Output	DVI (Resolution: 1280x1024 pixels, 1920x1080 pixels) HD-SDI (Resolution: 1920x1080 pixels)
			Iris Mode	AUTO/PEAK/AVE
			Dimensions (W x H x D)	15.4" x 4.3" x 19.1" (including projection)
			Weight	19.8lbs
				BL-7000
Air supply pump	HI/MID/LOW/OFF			
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			

## Diagnostic Endoscopes

Endoscope Model	Description	Field of View	Distal End Diameter	Flexible Diameter	Instrument Channel Diameter	Bending U/D/L/R	Observation Range	
<b>Diagnostic Endoscopes</b>								
	EC-760R-V/L	Routine Colonoscope - Hybrid	170°	12.0mm	12.0mm	3.8mm	180° / 180° / 160° / 160°	2 ~ 100mm
	EC-760P-V/L	Slim Colonoscope	170°	11.1mm	11.5mm	3.2mm	180° / 180° / 160° / 160°	2 ~ 100mm
	EC-760S-V/L	Adult Colonoscope	170°	12.8mm	12.8mm	3.8mm	180° / 180° / 160° / 160°	2 ~ 100mm
	EG-760R	Routine Gastroscope	140°	9.2mm	9.3mm	2.8mm	210° / 90° / 100° / 100°	2 ~ 100mm


## G-EYE® 700 Series Colonoscopes

Endoscope Model	Description	Field of View	Distal End Diameter	Flexible Diameter	Instrument Channel Diameter	Bending U/D/L/R	Observation Range	
<b>G-EYE® 700 Series</b>								
	G-EYE®760R-V/L	Hybrid G-EYE Colonoscope	170°	12.0mm	12.0mm	3.8mm	180° / 180° / 160° / 160°	2 ~ 100mm
	G-EYE®760P-V/L	Slim G-EYE Colonoscope	170°	11.1mm	11.5mm	3.2mm	180° / 180° / 160° / 160°	2 ~ 100mm
	G-EYE®760S-V/L	Adult G-EYE Colonoscope	170°	12.8mm	12.8mm	3.8mm	180° / 180° / 160° / 160°	2 ~ 100mm



## SPARKC™ Inflation System


For G-EYE® 700 Series Colonoscopes

	Specification	Value
	SPARKC™ Power Supply	100V – 240V AC; 50-60Hz
	Controlled Withdrawal™ Pressure	3 intermediate pressure levels
	Inflated balloon set pressure	Up to 70mbar (7kPa)
	Inflation/Deflation controls	Hand Held Remote Foot Pedal

## Treatment Endoscopes

Endoscope Model	Description	Field of View	Distal End Diameter	Flexible Diameter	Instrument Channel Diameter	Bending U/D/L/R	Observation Range	
<b>Therapeutic Endoscopes</b>								
	EI-740D/S	Dual Channel Gastroscope/Sigmoidoscope	140°	12.8mm	12.8mm	3.7/3.2mm	210° / 90° / 100° / 100°	3 ~ 100mm
	EC-740T/L	Ultra-Slim Colonoscope	140°	9.8mm	10.7mm	3.2mm	210° / 160° / 160° / 160°	3 ~ 100mm
	EC-760Z-V/L	Zoom Colonoscope	Normal: 140° Close: 56°	12.8mm	12.8mm	3.8mm	180° / 180° / 160° / 160°	1.5 ~ 100mm Normal: 3~100mm Close: 1.5~2.5mm
	EC-760ZP-V/L	Zoom Slim Colonoscope	Normal: 140° Close: 56°	11.7mm	11.8mm	3.2mm	180° / 180° / 160° / 160°	1.5 ~ 100mm Normal: 3~100mm Close: 1.5~2.5mm
	EG-760CT	Multi-purpose Treatment Gastroscope	140°	10.5mm	10.8mm	3.8mm	210° / 90° / 100° / 100°	2 ~ 100mm
	EG-760Z	Zoom Gastroscope	Normal: 140° Close: 56°	9.9mm	9.8mm	2.8mm	210° / 90° / 100° / 100°	1.5 ~ 100mm Normal: 3~100mm Close: 1.5~2.5mm
	EG-740N	Ultra-Slim Gastroscope	140°	5.8mm	5.9mm	2.4mm	210° / 90° / 100° / 100°	3 ~ 100mm

## GW-100 CO<sub>2</sub> Regulator

	Specification	Value
	Power Supply	100V – 240V AC; 50-60Hz
	Power consumption (rated)	0.3A
	Dimensions	5.7"x 6.7"x 15.4" (WxHxD)
	Weight	15.4lbs
	Maximum gas/water supply pressure	65kPa (9.4psi or 488mmHg)
	Applicable endoscopes	FUJIFILM endoscope for G.I. tract
	Gas in use	CO <sub>2</sub> gas for medical use



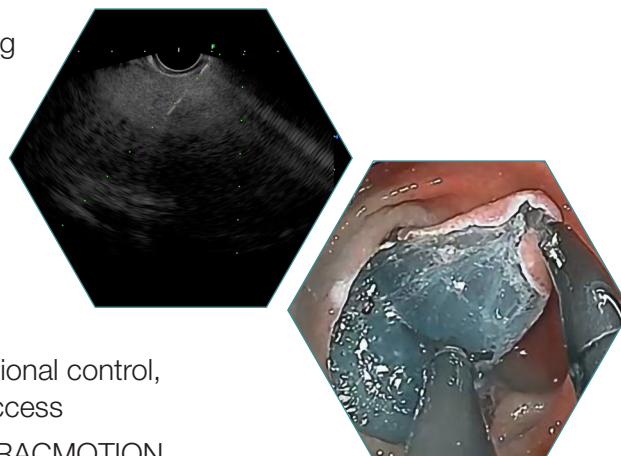


## Expand your Endoscopy Suite with Technology Designed for Interventional and Endosurgical Applications

The ELUXEO Endoscopic Imaging System is the fully compatible foundation on which Fujifilm also offers a complete portfolio of interventional and endosurgical imaging processors and endoscopes, all of which can be housed in the same tower along with your core endoscopic technology to optimize space and efficiency. Choose solutions for a variety of applications:

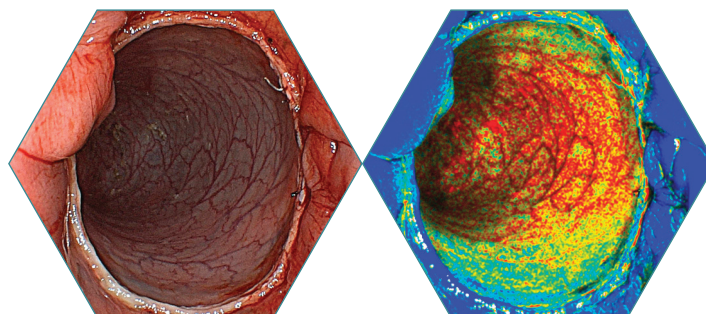
### Interventional Endoscopy

- Arietta 850 and SU-1 Platinum Processors: offering industry-leading, high quality imaging and versatility for diagnosis and treatment
- Curved Linear & Radial EUS scopes: innovative solutions for improved access and therapeutic capabilities
- Proprietary Double Balloon Endoscope: the gold standard for access to the small bowel
- Duodenoscope: Optimal visual orientation, exceptional control, and a removable endcap for improved cleaning access
- A suite of devices for ESD, including the unique TRACMOTION retraction device



### Endoluminal Surgery & MIS

- ELUXEO® Surgical System: seamless integration of flexible and rigid scope solutions in a single tower
- ELUXEO® Vision: real-time StO<sub>2</sub> imaging that revolutionizes endoluminal and surgical procedures



### Bringing together unparalleled technology and industry-proven service & support

Fujifilm solutions are founded on more than 85 years of advanced imaging technology and continuous innovation, as well as industry-proven service and support, giving you confidence in placing your trust in our partnership, and empowering physician performance and confidence in conducting both routine and complex cases. Utilizing Fujifilm technologies and services means you gain a true partner in advancing your practice, helping you get the most from your investment and supporting your efforts to improve patient outcomes.

**To learn more, contact your local Fujifilm Endoscopy Representative.**

# The Fujifilm ED-580XT Duodenoscope



**Access More**



The Fujifilm ED-580XT Duodenoscope combines optimal visual orientation with exceptional maneuverability and control, helping to achieve cannulation efficiently while keeping the focus on diagnosis and therapy even in the most challenging Endoscopic Retrograde Cholangio-Pancreatography (ERCP) procedures.



### Exceptional Maneuverability.

The Fujifilm G7 scope grip is ergonomically designed to provide enhanced comfort with a rounded handle surface, enabling intuitive operation. The angulation of the buttons and knobs on the scope handle provide pressure relief, which are intended to minimize hand fatigue, optimize procedural performance, and provide more control at the distal tip.



### Smooth Working Channel.

A 4.2 mm working channel allows for smooth device passage and exchange.



### The ED-580XT Duodenoscope.

Developed in collaboration with endoscopists, the Fujifilm ED-580XT Duodenoscope is designed to address challenges associated with access, exploration, and treatment of diseases in the biliary system.





## Improved Access for Cleaning.

The ED-580XT Duodenoscope features a removable single use distal end cap which provides easy access during cleaning, as well as a sealed elevator mechanism which prevents bioburden build-up on and around the elevator wire.



The distal end cap is designed with an installation groove for simple placement pre-procedure and secure attachment during use.



Once the single use distal end cap is removed, the elevator mechanism is easily accessible with the cleaning brushes for thorough manual cleaning.





# Precision and Control in Cannulation.

From the visual orientation and field of view, to the elevator movement, the ED-580XT Duodenoscope provides the precision and control necessary during cannulation.



## Elevator Responsiveness.

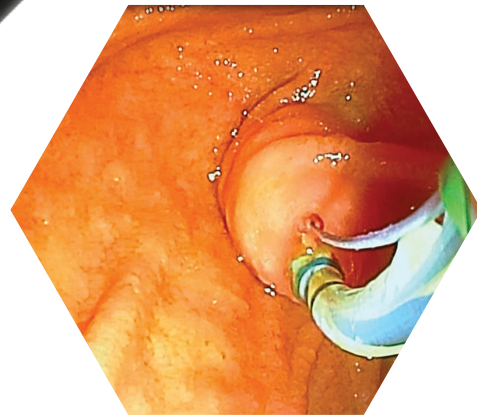
Movement of the elevator lever at the control knob directly translates to the elevator responsiveness, allowing for smooth, precise positioning of instruments.



## G-Lock

### Guide Wire Lock.

The ED-580XT G-Lock™ guide wire lock can hold multiple .035 guide wires securely in place, enhancing procedural efficiency.



## Optimal Viewing Angle.

Consistent with US physician preferences, the camera lens is positioned to provide an optimal 5° rear viewing angle and field of view so focus can stay on instrument positioning for successful cannulation.



## Processor Technology.

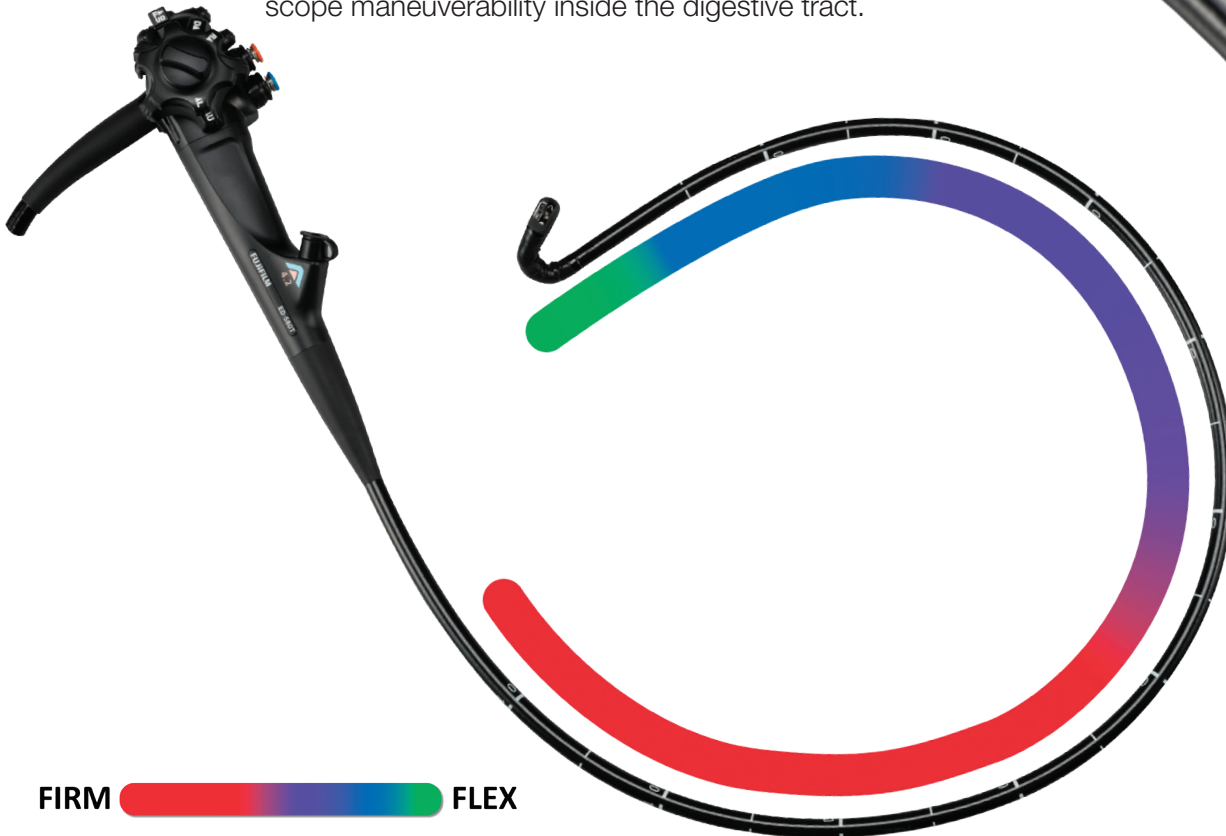
The ED-580XT Duodenoscope is compatible with the ELUXEO Endoscopic Video Imaging System. ELUXEO's innovative 4-LED Multi-Light illumination technology creates high quality images, with videos displayed in full HD.

Additionally, the ED-580XT Duodenoscope is compatible with the Fujifilm VP-4440HD processor to ensure compatibility with existing systems.



## Advanced Force Transmission.

The design of the inner tube of the ED-580XT Duodenoscope allows a gradual firm to flexible taper, which provides advanced force transmission to maximize scope maneuverability inside the digestive tract.



**FIRM**  **FLEX**



## Your Reliable Partner for Service and Support.

Your ED-580XT Duodenoscope comes 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.

## ED-580XT Duodenoscope Specifications

Scope Category	Therapeutic (ERCP)
Model	ED-580XT
Viewing Direction	5° Retro Viewing
Field of View	100°
Observation Range	4-60 mm
Distal End Diameter	13.1 mm
Flexible Portion Diameter	11.3 mm
Instrument Channel Diameter	4.2 mm
Working Length	1250 mm
Bending Capability (Up/Down)	120°/90°
Bending Capability (Left/Right)	90°/110°
Distal End Cap	Single use, Disposable

## Ordering Information

Part Number	Description
16606600	ED-580XT Duodenoscope with Disposable End Cap and Fujifilm G-Lock™ Guidewire Lock
16606612	DC-07D Disposable End Cap for ED-580XT (10/pack)

**For more information, contact your Fujifilm representative today. To order, call 800.385.4666. [www.fujifilmendoscopy.com](http://www.fujifilmendoscopy.com)**

# Ultrasonic Radial Probe System

**SP-900 and PB2020-M: Radial Endobronchial Ultrasound (rEBUS)**



- Real-time ultrasound imaging of targeted peripheral lung lesions prior to biopsy
- Versatile, user-friendly ultrasonic processor, offering enhanced operability for a more precise and efficient examination
- Small, lightweight system can be used as a stand-alone solution as well as part of a larger ultrasound system
- High resolution ultrasonic images with digital video signal output and digital corrections of the imaging artifacts
- Short distal rigid section enables the probe to be inserted smoothly into the upper lobe bronchus, even when endoscope is bent



## SPECIFICATIONS

### Ultrasonic Processor for Radial Probe: SP-900

SP-900 comes with CP-900 control pad and RS-900 scanner

Specifications		
Power Supply	Voltage	100-240V~
	Frequency	50Hz/60Hz
	Current Consumption (rated)	0.7 – 0.5A
Size	Dimensions (WxHxD)	377 x 80 x 480mm
	Weight	8.0 kg
Ultrasound Imaging	Scanning Method	Mechanical Radial Scanning
	Scanning Mode	B Mode

### Ultrasonic Radial Probe: PB2020-M

Specifications	
Working Length	2150mm
Maximum Diameter of Insertion Probe	2.0mm
Maximum Diameter of Insertion Probe	2.0mm
Frequency	20 MHz



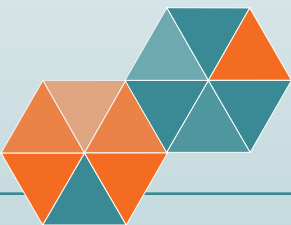
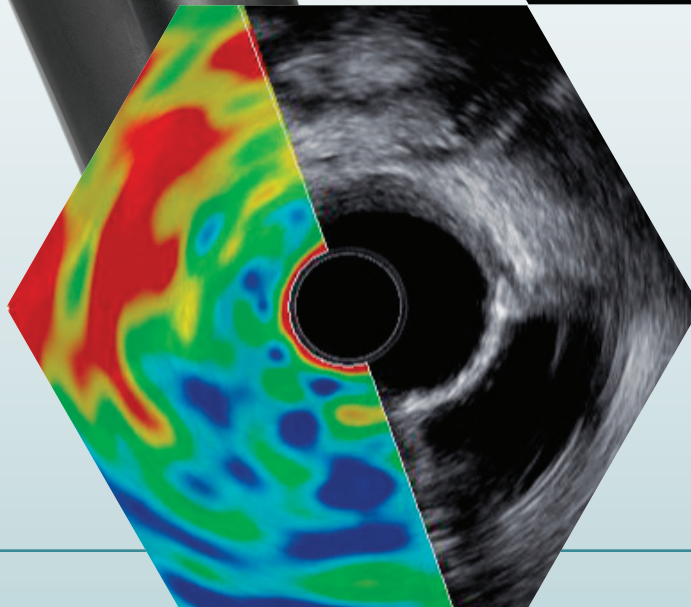
# The Fujifilm 580 Series Endoscopic Ultrasound System

EG-580UT Curved Linear EUS

EG-580UR Radial EUS



**Explore More**



## High Quality Imaging in a Compact Design

The Fujifilm Endoscopic Ultrasound System combines the technology of advanced imaging in a compact footprint. The SU-1 Endoscopic Ultrasonic Processor works in concert with the Eluxeo Endoscopic Video Imaging System and the 580 series Endoscopic Ultrasound scopes to deliver high quality images in a wide range of modes for ultrasonography procedures.



The new Sonart SU-1 Platinum Endoscopic Ultrasound Processor

### High Resolution B-Mode

The SU-1 processor delivers high-resolution B-mode images through its proprietary image processing technology and high-sensitivity transducers. Pinpointing of the affected area, small vessels or pancreatic ducts can be viewed clearly, thus supporting accurate evaluation of the affected area and high-precision ultrasonographic results.



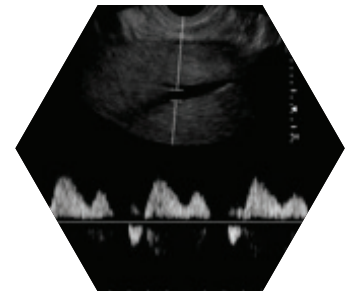
### Color Flow Doppler Mode

Color Doppler obtains hemodynamic information. It helps to locate an observation site and blood flow. Improved sensitivity of Color Doppler can show blood flow more precisely and reduce artifact.



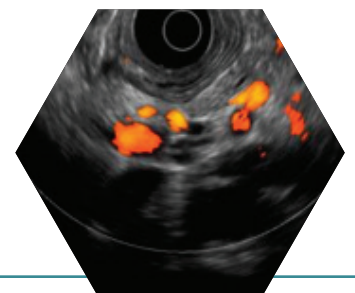
### Pulse Wave Doppler Mode

Pulse Doppler Mode measures the velocity of blood flow by the doppler shift due to pulse waves and gives a spectral display and audio of blood flow in a blood vessel at the "pulsed wave gate".



### Power Doppler Mode

Power Doppler Mode displays a visual overview of the blood flow without directionality or mean velocity information.

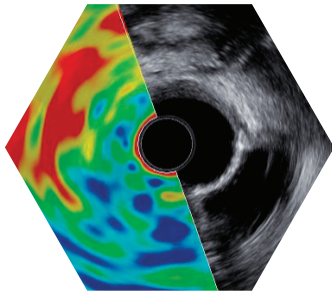
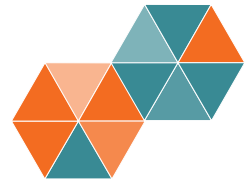




## Processor Technology.

The EG-580UT and EG-580UR EUS scopes are compatible with the Eluxeo® Endoscopic Video Imaging System. Eluxeo's innovative 4-LED Multi-Light illumination technology creates high quality images, with videos displayed in full HD.

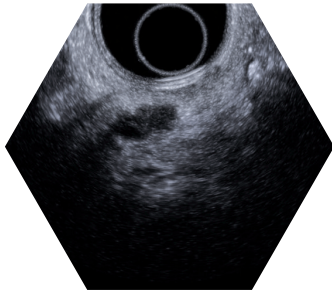
Additionally, the EG-580UT and EG-580UR EUS scopes are compatible with the Fujifilm VP-4440HD processor to ensure compatibility with existing systems.



(Red=soft, Blue=hard)

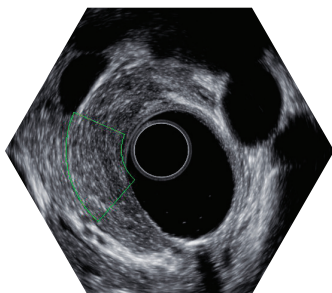
### Elastography

Relative stiffness of the tissue is visualized as a color distribution map by calculating the distortion of the tissue caused by external compression or inner vibration, displaying disparities of stiffness levels as different colors.



### Harmonic Imaging

Images are calculated using higher harmonic components that are generated when ultrasound waves are reflected by the body tissue. By increased resolution and reduced artifacts, this mode enables ultrasound image observation with reduced noise.



### Sound Speed Correction

Images are recomposed using the estimated optimal sound speed inside the body. With the SU-1, it is possible to set the ROI and display a clearer image of the targeted area.





## EG-580UT Curved Linear EUS

The Fujifilm EG-580UT Curved Linear Endoscopic Ultrasound scope is designed with a small bending radius and short rigid section to enable easy access to targeted areas. A wide puncture range enables FNA and FNB from a variety of positions to achieve broader accessibility.



### *Ergonomic Control Portion*

The Fujifilm G7 scope grip is ergonomically designed to enhance comfort with a rounded handle surface, enabling intuitive operation. The angulation of the buttons and knobs on the scope handle is designed to provide pressure relief, helping to minimize metacarpal fatigue and optimize procedural performance.

### *Distal Tip Bending Capability*

The powerful bending capability combined with a short rigid section supports manipulation in the duodenum and stomach.

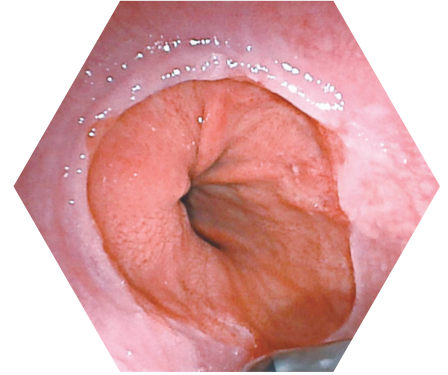
### *Elevator Locking*

The EG-580UT Curved Linear Endoscopic Ultrasound scope is equipped with an elevator locking assist which enables flexible and subtle endoscopic operations during therapeutic procedures and supports stable puncture trajectory.



## Endoscopic Viewing Angle

The 40° Forward Oblique viewing angle of the EG-580UT Curved Linear Endoscopic Ultrasound scope is ideal for navigation, providing ease of ability in viewing the advancement path.



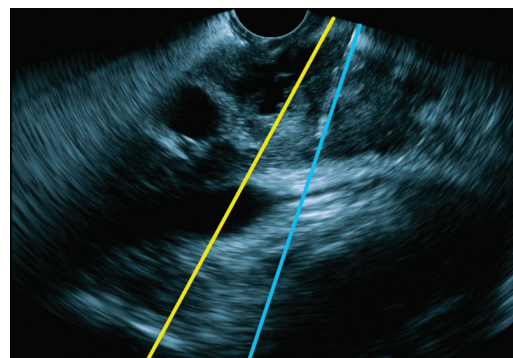
## Advanced Force Transmission

The braided and coiled inner tube allows a gradual flexible to firm taper, providing advanced force transmission to maximize scope maneuverability.



## Needle Trajectory

The enhanced elevator mechanism provides smooth needle movement and facilitates wide needle trajectory when targeting lesions for Fine Needle Aspiration (FNA) and Fine Needle Biopsy (FNB).



19 Ga needle

## EG-580UR Radial EUS

The Fujifilm EG-580UR Radial Endoscopic Ultrasound scope is equipped with a slim distal end diameter, round tip design, and a direct forward view for insertion into narrow lumens often encountered in standard gastroscopic procedures.

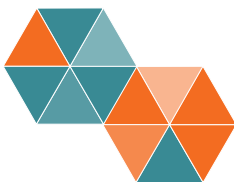


### **Ergonomic Control Portion**

The Fujifilm G7 scope grip is ergonomically designed to enhance comfort with a rounded handle surface, enabling intuitive operation. The angulation of the buttons and knobs on the scope handle is designed to provide pressure relief, helping to minimize metacarpal fatigue and optimize procedural performance.

### **2.8 mm Working Channel**

The working channel provides enhanced suction power and therapeutic capabilities during endoscopic and ultrasonographic procedures.



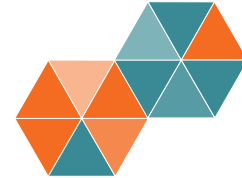
### **Distal Tip Bending Capability**

The 190° bending capability of the EG-580UR Radial Endoscopic Ultrasound scope combined with a short rigid section supports manipulation in the duodenum and stomach.



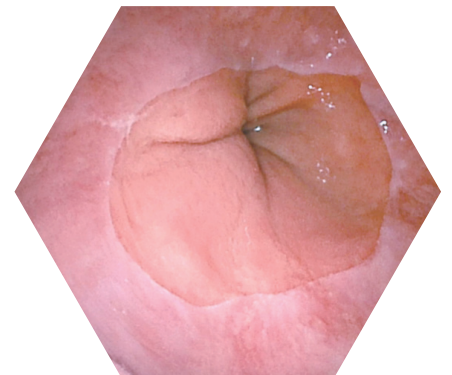
### **11.4 mm Distal Tip OD**

The EG-580UR Radial Endoscopic Ultrasound scope offers a slim distal end diameter of 11.4 mm to facilitate scope insertion.



### **Endoscopic Viewing Angle**

The 0° Forward Viewing provides ease of advancement and instrument deployment, and is ideal for use in EGD procedures.



### **Advanced Force Transmission**

The braided and coiled inner tube allows a gradual flexible to firm taper, providing advanced force transmission to maximize scope maneuverability.







## Your Reliable Partner for Service and Support.

EG-580UT and EG-580UR Endoscopic Ultrasound scopes 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.

## Endoscopic Ultrasound Specifications

Category	EG-580UR Radial EUS Scope	EG-580UT Curved Linear EUS Scope
Field of View	140°	140°
Observation Range [mm]	3-100mm	3-100 mm
Distal End [mm]	11.4 mm	13.9 mm
Flexible Portion [mm]	11.5 mm	12.4 mm
Working Channel [mm]	2.8 mm	3.8 mm
Bending U/D/L/R	190° / 90° 100° / 100°	150° / 150° 120° / 120°
Viewing Angle	0°	40° forward oblique
Working Length	1250 mm	1250 mm
Scanning Method	Electronic radial scan	Electronic curved linear array scan
Scanning Angle	360°	150° with SU-1
Acoustic Frequency	5MHz/7.5 MHz/10MHz/12MHz	5MHz/7.5 MHz/10MHz/12MHz
Compatible Systems	4440HD, Eluxeo SU-1, SU-1 Platinum	4440HD, Eluxeo SU-1, SU-1 Platinum

**For more information, contact your Fujifilm representative today, or call 1.800.385.4666.**  
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## ULTRASONIC RADIAL PROBE SYSTEM

SP-900/PB2020-M

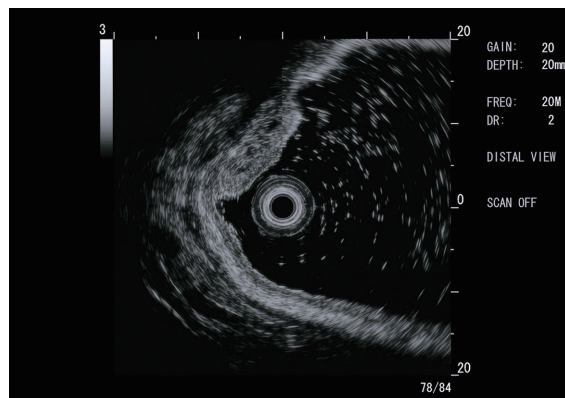
Fujifilm's Radial Probe System is designed to provide real-time ultrasound imaging of targeted peripheral lung lesions prior to biopsy. The PB2020-M is a radial ultrasonic transducer that is inserted through the instrument channel of a bronchoscope, localizing the exact position of the lesion.

### User-friendly system

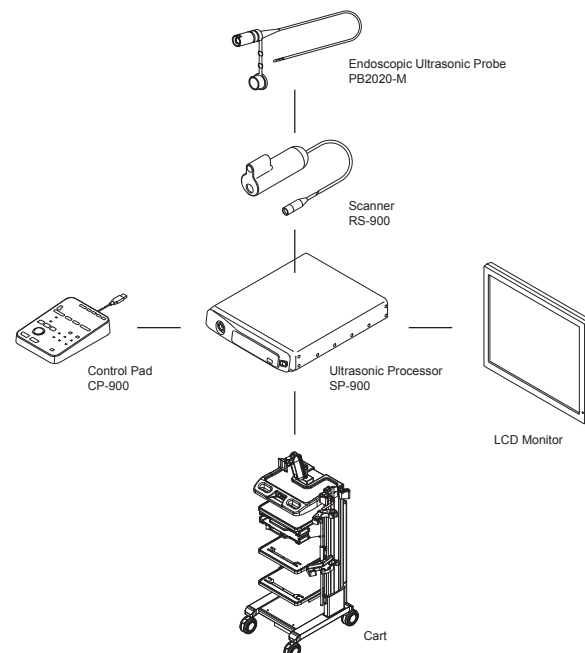
This small and lightweight system can be used stand-alone as well as together with a Fujifilm Endoscopic Ultrasound system.

### Clear Images

The system obtains high-resolution ultrasonic images, with digital correction of any imaging artifacts.



### Ultrasonic Probe System Configuration



## PRODUCT SPECIFICATIONS

### Ultrasonic Processor for Radial Probe - SP-900

Specifications		
Power supply	Power rating	AC100-240V
	Frequency rating	50 / 60Hz
	Current consumption(rated)	0.7 - 0.5A
Size	Dimensions(WxHxD)	14.8 x 3.1 x 18.9in
	Weight	17.6lbs
	Scanning system	Mechanical Scanning
Ultrasound image display	Probe type	Radial
	Scanning mode	B mode



### Ultrasonic Radial Probe- PB2020-M

Specifications			
Model Name	Working Length	Maximum Outer Diameter	Frequency
PB2020-M	2150mm	2mm	20Mhz

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www.fujifilmendoscopy.com

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Value from Innovation

SEE  
(more)

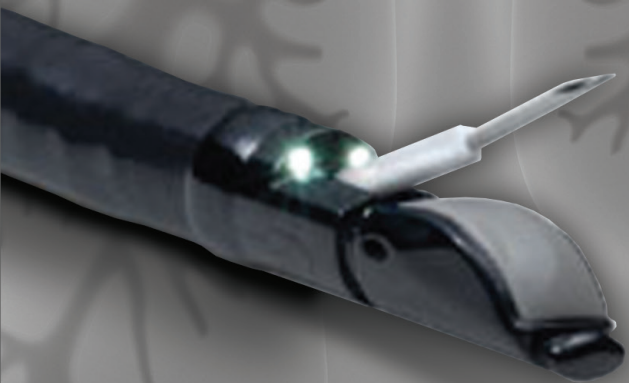


### FUJIFILM ULTRASONIC RADIAL PROBE SYSTEM

A new and compact ultrasonic radial probe system with enhanced operability, the **Ultrasonic Radial Processor** and **Ultrasonic Radial Probe** are designed for a more efficient examination.



# SEEING (is believing)

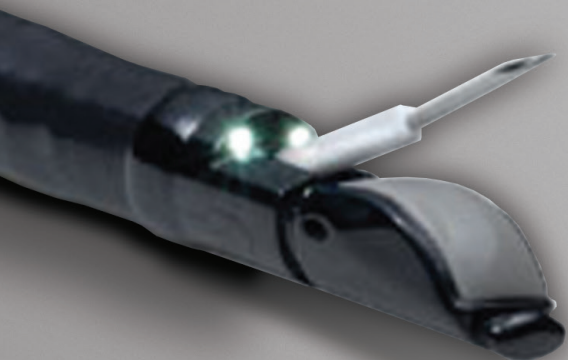


## FUJIFILM ENDOBRONCHIAL ULTRASONIC SYSTEM

Featuring the new **Sonart SU-1 Endoscopic Ultrasonic Processors**, innovation striving to improve patient outcomes

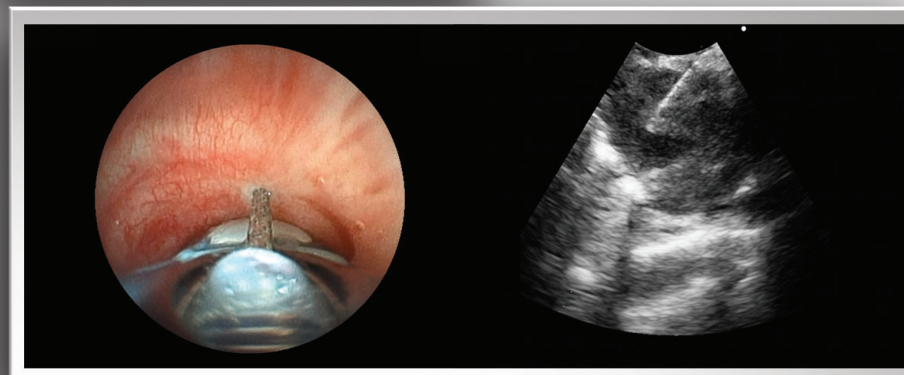
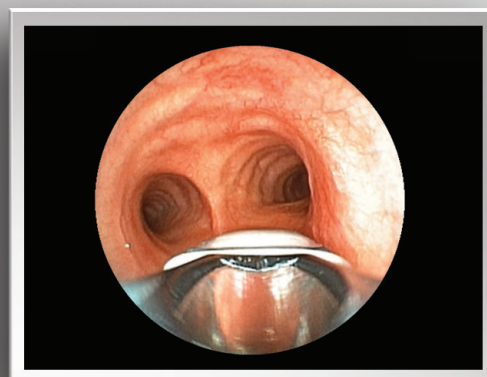


FUJIFILM Ultrasonic Video Bronchoscope >  
(EB-530US)



**High-Resolution, Ultra Small, Super CCD Chip Technology**

Proprietary Super CCD technology provides bright, vivid, high-resolution endoscopic images.



**Innovative 120° Field of View with Unique 10° Forward Oblique View**

The 10° forward oblique view and optimal positioning of the ultrasonic transducer allows for navigation and visibility during needle aspiration. The distal opening of the forceps channel is displayed on the endoscopic image to support needle aspiration.

**FUJIFILM Endobronchial Ultrasonic System |**

< FUJIFILM Ultrasonic Processors



The new Sonart SU-1 PLATINUM Endoscopic Ultrasonic Processor

**Intuitive Advanced Imaging. Compact Efficiency and Operations.**

The new Sonart SU-1 Endoscopic Ultrasonic Processors from FUJIFILM combine the technology of advanced imaging in a state-of-the-art, powerful compact footprint - all orchestrated with built-in intuitive operations and efficiency. The SU-1 processors were designed with the input of sonographers on the backbone of FUJIFILM proprietary innovation. **Designed with you. Built for you.**

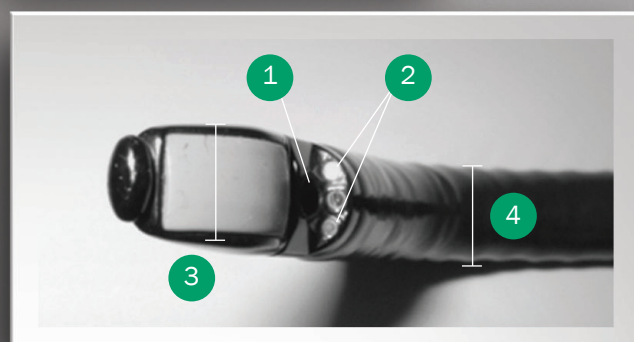
The FUJIFILM Endobronchial Ultrasonic System, designed specifically for supporting **diagnosis and staging.** Innovations striving - together - to **improve patient outcomes.**



**Exceptional Bending Design**

(Up 130° / Down 90°)

Enhanced distal angulation facilitate precise targeting of accessories, including aspiration needles



**The EB-530US Video Ultrasonic Bronchoscope:**

- 1) 2mm Instrument Channel
- 2) Dual Light Guides
- 3) 6.7mm Distal End
- 4) 6.3mm Flexible Portion

**Choices, Innovation Your Way.**

Intuitive keyboard options, the traditional trackball keyboard (CP-1TB), or the innovative touchpad keyboard (CP-1)





## PRODUCT SPECIFICATIONS

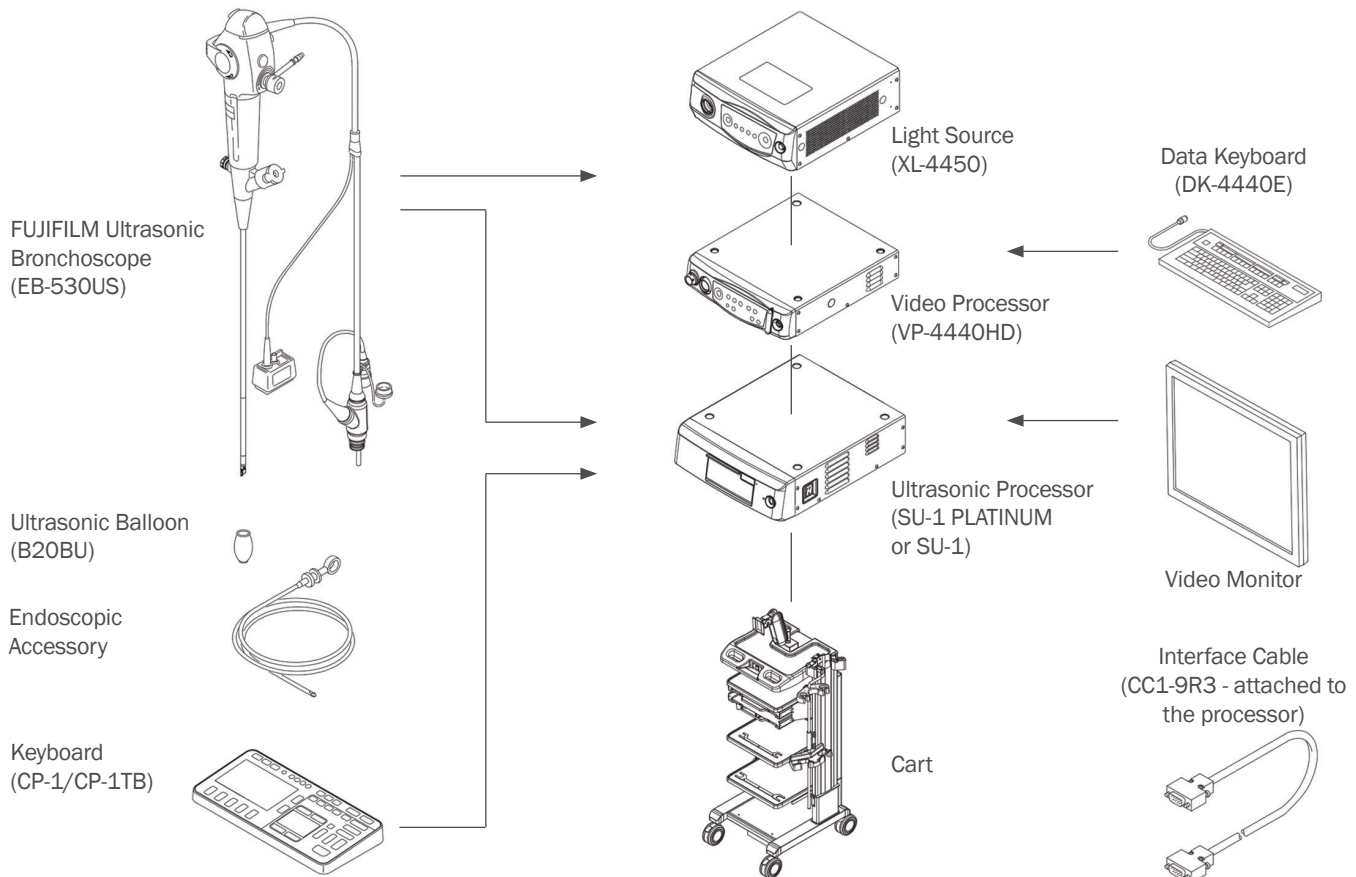
### Sonart SU-1 Endoscopic Ultrasonic Processors (SU-1 PLATINUM and SU-1 Base Models)

Power supply	AC 100-240V 60Hz
Current consumption (rated)	2.0~1.2A
Applicable endoscopes	EG-530UR2, EG-530UT2, EB-530US
Video output terminal	Video terminal (1 channel) S-video terminal (1 channel) RGB TV terminal (1 channel) DVI image output terminal (2 channels) HD-SDI terminal (2 channels)
Video input terminal	DVI image input (1 channel)
Sound speed	1350 to 1650 m/s
Frequency	5, 7.5, 10, 12 MHz
Network terminal (1 channel)	Ethernet (100BaseTX)
Image storage	USB drive or networked shared folder (FTP) as TIFF or JPEG file formats
External dimension (WxHxD)	15.4" X 5.3" X 19.1" (including protruding parts)
Weight	28.7 lbs

### Ultrasonic Video Bronchoscope (EB-530US)

Model	EB-530US
Viewing direction	10° (Forward oblique)
Observation range	3-100mm
Field of view	120°
Distal end diameter	6.7mm
Flexible portion diameter	6.3mm
Bending capability	UP/DOWN 130°/90°
Forceps channel diameter	2.0mm
Working length	610mm
Overall length	880mm
Scanning mode	B Mode, Color Doppler, Power Doppler, Pulse Doppler, Elastography
Scanning method	Electronic convex scan
Scanning angle	65° (SU-1 Models)
Frequency	5MHz / 7.5 MHz / 10MHz / 12MHz

## EBUS SYSTEM CONFIGURATION



800.385.4666

[www.fujifilmendoscopy.com](http://www.fujifilmendoscopy.com)

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