FUJIFILM
Value from Innovation

ENDOSOLUTIONS FOR GI

Endoscopy systems & therapeutic devices

FUJIFILM
Value from Innovation

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The unchanging values of the Fujifilm Group

We will use leading-edge, proprietary technologies to provide top-quality products and services that contribute to the advancement of culture, science, technology and industry, as well as improved health and environmental protection in society.

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

DEDICATED TO PATIENTS' **QUALITY OF LIFE**

As a total healthcare company, we are involved in the development of a wide range of businesses in the three areas of prevention, diagnosis, and treatment. We are contributing to the health of people around the world by responding to unmet medical needs, early detection of diseases, and support for the development and manufacture of innovative vaccines and pharmaceuticals.

Our clinically proven products and technologies are continuously being 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 five percent of our consolidated turnover in research and development which includes 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.

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.

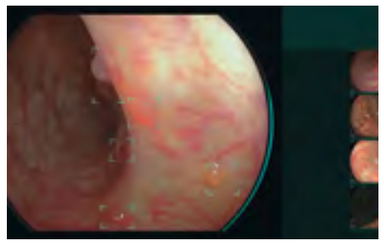
We have expanded our business globally, in order to support patients and medical service providers with rapid, precise diagnosis and efficient treatment.

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.

DEVELOPING **TECHNOLOGIES** BEYOND THE EXPECTED

Advanced technologies, excellent possibilities

BLI & Zoom



LCI & CAD EYE

Fujifilm has been developing image processing technologies for many years. Excellent image capture and advanced data processing further improve technology in our endoscopy portfolio.

The Multi Light technology, for example, uses distinct light wavelengths to support lesion detection and characterisation by high-contrasting LCI and BLI images.

Fujifilm continues to develop imaging solutions: One particular focus has been the development of AI-driven smart technologies for the radiology field as well as medical ultrasound and, more recently, endoscopy: CAD EYE. It is intended to make procedures more efficient by improving polyp detection and characterisation rates in the colon.

Selection of our technologies

MULTI LIGHT TECHNOLOGY
Illumination suitable for observation using variable LED light intensity.

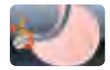
LCI (Linked Color Imaging)
Increased contrast in red colour leads to improved visibility of abnormalities, inflammation and delineation.

BLI (Blue Light Imaging)
The combination of special light wavelengths results in improved contrast imaging for characterisation.

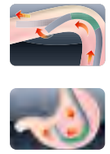
ACI (Amber-red Color Imaging)
Enhances the visualisation of slight colour tone differences of blood colour (e.g. for the localisation of the bleeding source). Available with all 860, 840, 760 & 740 series endoscopes together with processor EP-8000.

CAD EYE
This function, developed utilising AI technology, supports colonic polyp detection and characterisation during colonoscopy.

ADVANCED FORCE TRANSMISSION (COLO/GASTRO)
To improve manoeuvrability, especially in more challenging anatomies.



ADAPTIVE BENDING (COLO/GASTRO)
The end of the bending sections is soft, allowing the endoscope to bend easily. The flexible bending section has been designed to return more easily to its straight form after passing through tight curves.



FLEXIBILITY ADJUSTER
The stiffness of the insertion tube of the colonoscope can be easily adjusted according to the endoscopist's preference by turning the flexible adjustment ring (level 0-3).

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

SCALE EYE
Virtual scale function designed to aid endoscopists in estimating the size of lesions in the colon.

COLOASSIST PRO
Endoscope visualisation function which displays the configuration of the endoscope in real-time.

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

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

WATER JET TECHNOLOGY
The Water Jet function supports constant visualisation for both diagnostic and therapeutic procedures.

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

ANTI-BLUR FUNCTION
The clearest image among multiple images is automatically selected.

CLOSE FOCUS
Observation up to 2 mm supports diagnosis of the disease.

4K RESOLUTION
Combine equipment displaying this logo to ensure a 4K resolution on the monitor.

Multi Light Technology

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.

The high-intensity illumination creates high-quality images with White Light Imaging and the observation modes LCI, BLI and ACI. With a simple push of a button, you can easily switch between the observation modes.

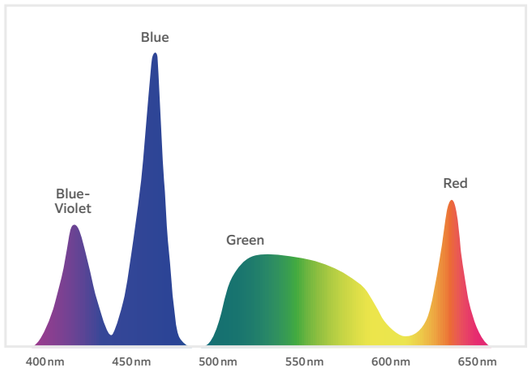
Example of ESD workflow & usage of each light mode

ELUXEO® 800/760/740 endoscopy series provide detailed high-resolution imaging for both diagnosis and pre-therapeutic assessment as well as therapeutic interventions.

LCI Detection → BLI Characterisation → ACI Incision → ACI Dissection → ACI Haemostasis

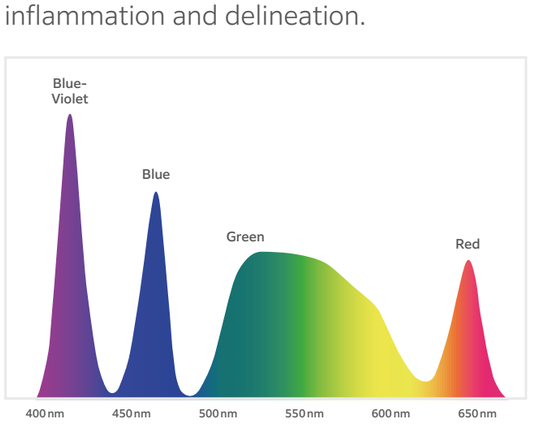
White Light Imaging

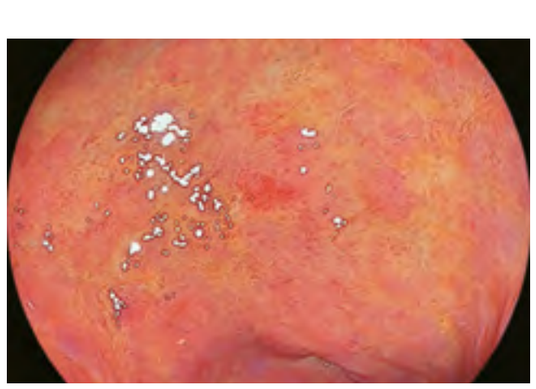
The endoscopic system provides high image quality in terms of sharpness and brightness to gather optimal visual information for diagnostic and therapeutic procedures in daily clinical practice.

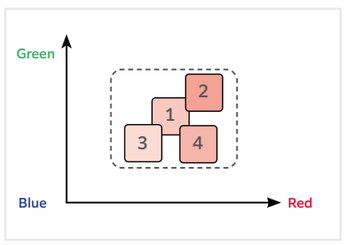


LCI (Linked Color Imaging) mode

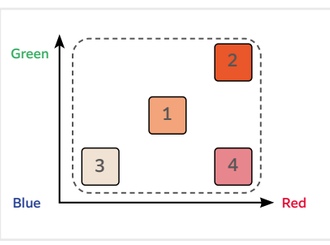
LCI differentiates the red colour spectrum more effectively than White Light Imaging thanks to its preprocess composition of light spectrum and advanced signal processing. The increased colour contrast in red colour leads to improved visibility of abnormalities, inflammation and delineation.





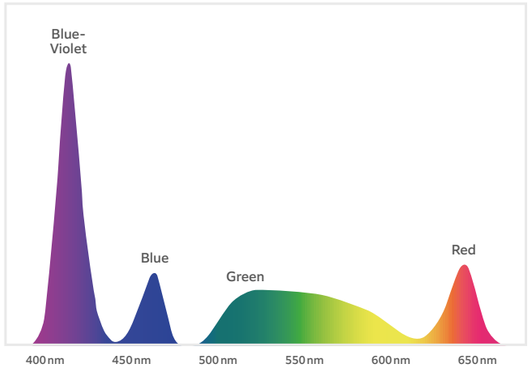


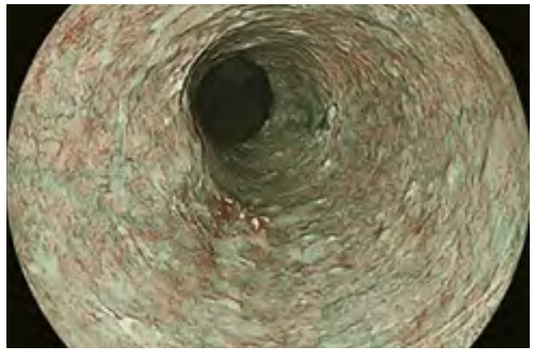
Colour enhancement



BLI (Blue Light Imaging) mode

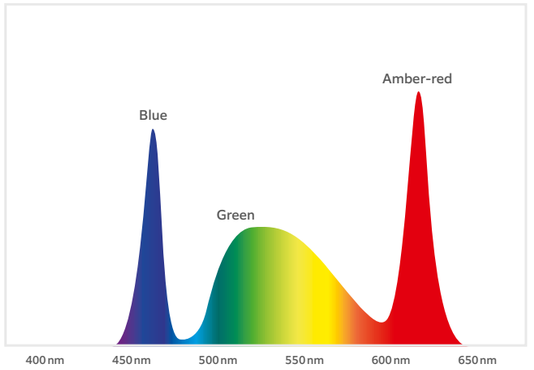
High-intensity contrast imaging with BLI is expected to be helpful for improved visualisation of superficial vascular and mucosal patterns. Focusing on the characteristics of short wavelength absorption of haemoglobin (at 410 nm) combined with specific white light spectral colours results in improved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





ACI (Amber-red Color Imaging) mode

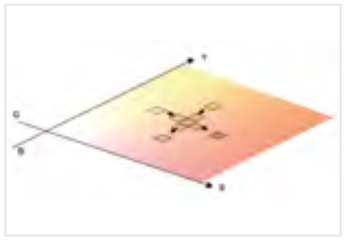
ACI is an observation mode that combines LCI colour enhancement technology with brightness enhancement technology. ACI specifically aims to visualise subtle nuances in red colouration while maintaining a colour tone similar to White Light Imaging, potentially making it a tool for identifying bleeding sources during ESD and other 3rd space endoscopy treatments.

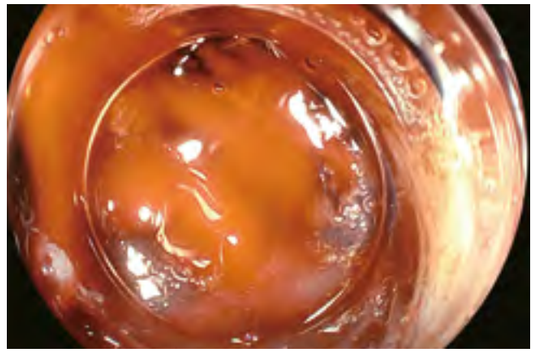


White Light Imaging

Colour enhancement

LCI employs a red colour tone as a reference that is close to the mucous membrane, whereas ACI references red colour tones similar to blood. In both light modes the contrast of red colour tones is increased in a post-processing step.

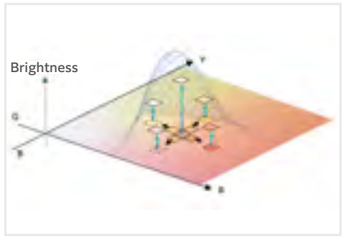




ACI Mode

Brightness enhancement

ACI emphasises the difference in colour shade by adjusting the brightness. This further enhances the contrast of the red colour tones closest to blood.



Switching observation modes

With a simple push of a button, you can easily switch between the following observation modes. The order and settings can be changed as desired.

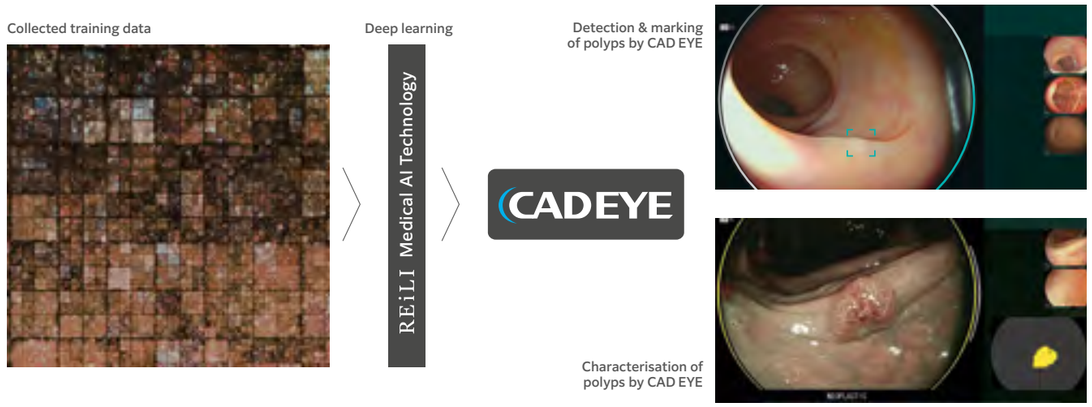
Observation modes compatibility

Endoscope	BLI	LCI	ACI	FICE
800 / 700 series endoscopes	●	●	●*	●
600 series endoscopes				●
580 series endoscopes**				●
530 series endoscopes***				●

* Only 860, 840, 760, 740 series endoscopes
** EB-580S is compatible with LCI and BLI
*** Only EB-530H, EB-530P, EB-530S, EB-530XT, EB-530US

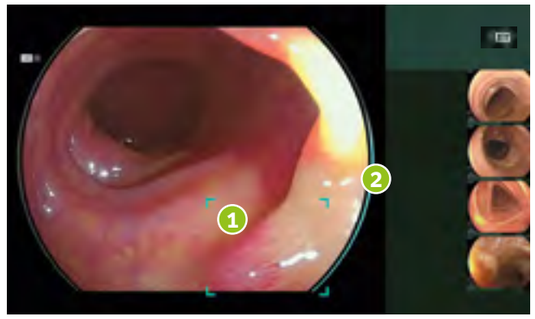
CAD EYE – Artificial intelligence

CAD EYE has been developed utilising AI deep learning technology. It has been trained with a powerful supercomputer located in Fujifilm's global AI technology centre in Tokyo, utilising an immense amount of clinical images using Fujifilm endoscopy systems. As a result, CAD EYE is a customised detection and characterisation support compatible with the ELUXEO® system.



User-friendly interface

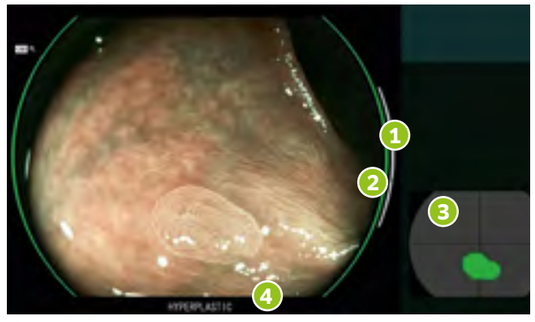
The development of the interface has been designed to enable comfortable procedures. It does not interfere with clinical images and minimises required eye movement. Its display is designed to besimple and intuitive for excellent support during long hours in the examination room.



Detection

1. **Detection box**
   Displays the area where the suspicious polyp is detected. Different sizes of the Detection Box are available.
2. **Visual assist circle**
   Lights up in the direction where the suspicious polyp is detected.

Detection sound
Sound signal when a suspicious polyp is detected. Volume can be defined for each user.



Characterisation

1. **Status bar**
   Indicates the status of characterisation analysis regarding the suspicious area.
2. **Visual Assist Circle**
   Green – Characterisation: Hyperplastic
   Yellow – Characterisation: Neoplastic
3. **Position map**
   Indicates the position of the suspicious area, this software is characterising.
4. **Characterisation result**
   Hyperplastic: Hyperplastic polyps & SSL
   Neoplastic: Adenoma and cancer

COLOASSIST PRO – Real-time visualisation

Taking into account that the structure, mobility and anatomical complexity of the colon varies with each individual, the insertion of the endoscope into the colon requires a high level of technical expertise. Fujifilm's Endoscope Visualisation System displays the configuration of the endoscope in real-time by reproducing a coloured graphical representation of the endoscope next to endoscopic view.

How the visualisation system works

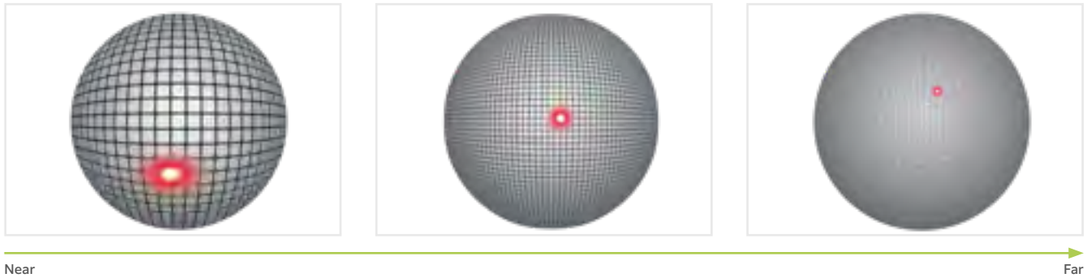
Coils within the Transceiver Dish generate an electromagnetic field that is received by coils integrated within the length of the dedicated ELUXEO® EC-760S-G/L, M and EC-760P-G/M, L colonoscopes and within the Hand Marker. This electromagnetic field is used to determine the position of the coils in the endoscope.The current position of the Hand Marker is displayed on the endoscope shape visualisation screen which can be used to refer to the endoscope's location within the patient.

SCALE EYE – Virtual scale technology

Virtual scale technology is intended to support endoscopists conducting colonoscopy by providing a size estimation of targeted lesions and clinically relevant artefacts which could be significant in clinical diagnosis.

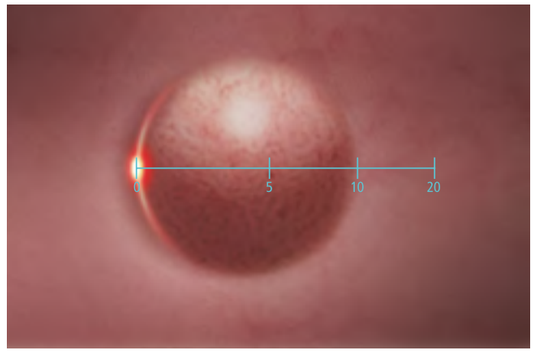
Laser-equipped endoscope

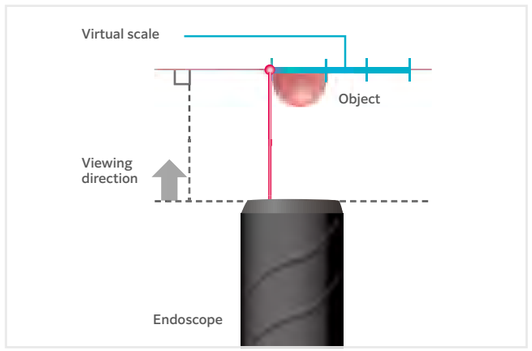
- The endoscope is equipped with a laser. The laser point is visible within the endoscopic image.
- The position of the laser point changes relative to the distance between the tip of endoscope and the object. Depending on this laser point position, the scale interval size adjusts automatically.



Virtual scale software

- The endoscopist positions the laser point to the extreme left side of the lesions horizontal centre-line.
- The software detects the position of the laser point in the endoscopic field of view and overlays the virtual scale within the endoscopic image.
- The endoscopist is then able to compare the overlayed Virtual Scale measurement with the extreme right edge of the lesions horizontal centre-line to estimate the size of the lesion.

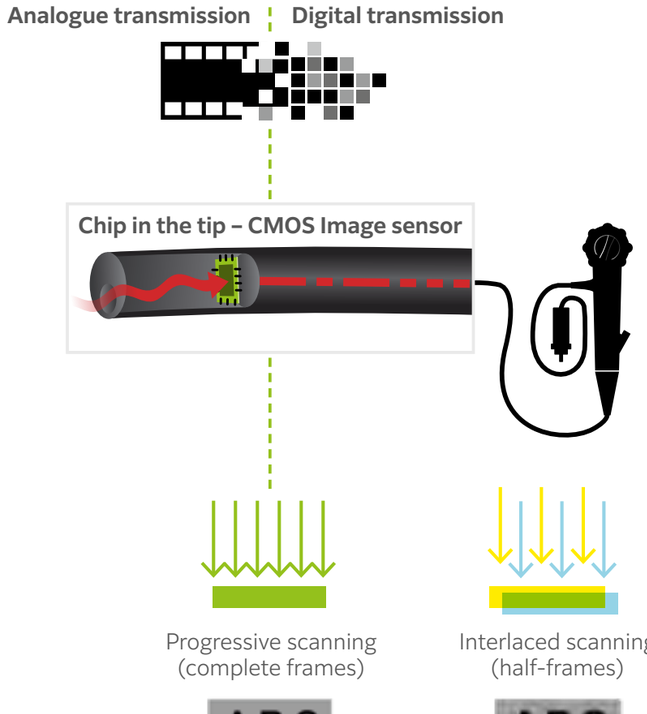




1 More detailed information of SCALE EYE is provided in the operation manual

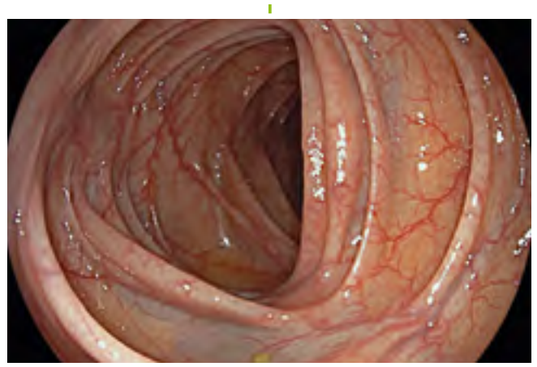
CMOS Technology with megapixel

With the CMOS chip built directly into the tip of the endoscope, the signal is digitally transmitted through the device, thus providing high-resolution imaging. All 800, 760, 720 and 600 endoscopes are equipped with CMOS.



The CMOS chip is positioned directly in the tip of the endoscope 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 frame progressive scanning technology where complete images are processed, rather than half-frames processed when using the interlaced scanning method. The result is a high-resolution image and smooth moving images with reduced blurring.

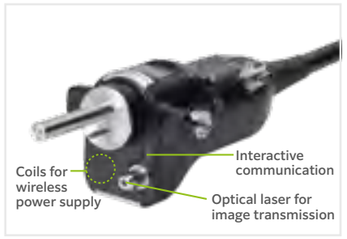


Colon in super high resolution

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

One-step connector for easy plug-in

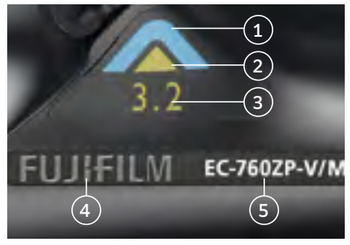
The 800 and 700 series endoscopes can easily be plugged in by its One-Step Connector. This is the first connector to incorporate an integrated wireless power supply that provides high-speed transmission of data. The design helps to simplify the cleaning process and reduces the potential for accidental damage.



G7 grip for comfort in daily practice

The G7 grip is designed to have an easy and comfortable feel to enhance performance and reduce stress during clinical procedures. Each 800 and 700 series endoscope displays the information required to choose compatible accessories, which helps to facilitate on-the-spot decision making.

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



1 Colour code of G7 control portion
2 Identification colour of working channel size
3 Instrument channel diameter
4 Corporate brand logo
5 Model number

Multi Zoom – Optical zoom for precise focusing

Fujifilm's Multi Zoom technology enables programming of up to three magnification modes to realise an easy-to-control endoscopic zoom (stepwise or continuous magnification mode).

- 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.

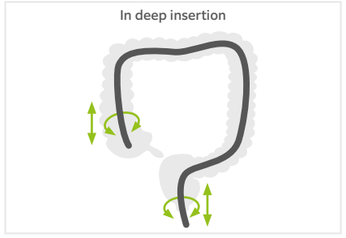
* In combination with 26" screen.

Magnification setting

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

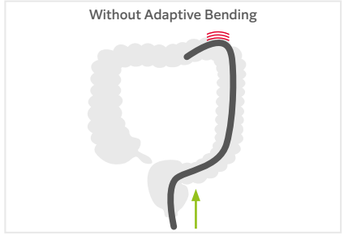
Advanced Force Transmission

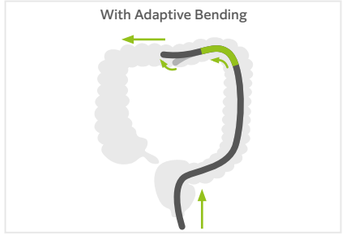
The insertion tube is designed to easily transmit push-pull and rotation movements by the endoscopist's hand to the distal end of the endoscope, reducing the torque load when performing rotary operations.



Adaptive Bending

The end of the bending section is soft, allowing the endoscope 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.



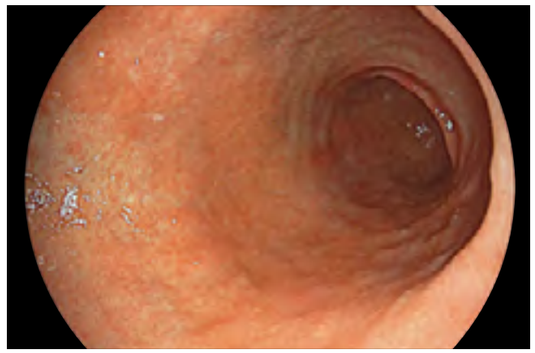


Flexibility Adjuster

The stiffness of the flexible portion of the 700 and 800 system colonoscopes can be easily adjusted according to the endoscopist's preference by turning the flexible adjustment ring (levels 0-3).

Over megapixel CMOS image sensor

With Over Megapixel CMOS image sensor, 800, 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 endoscope. This short transmission path reduces quality losses.

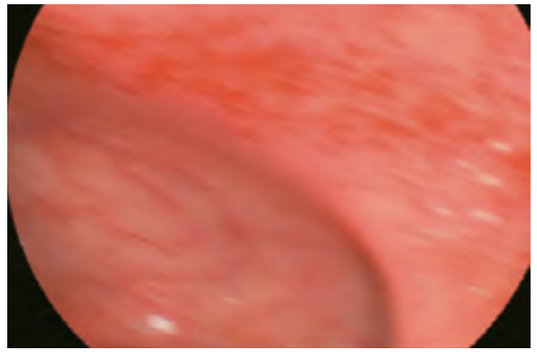


Close Focus – enhancing imaging for diagnosis

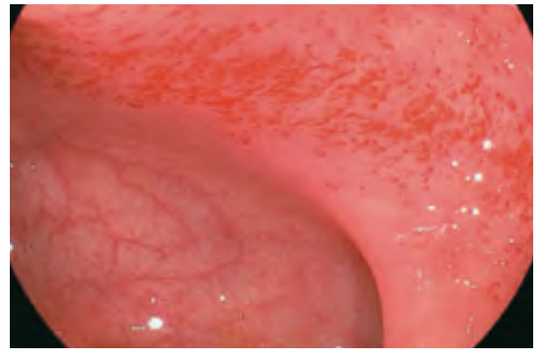
The high-performance optical system enhances Close Focus observation capability up to 2 mm. The focus at the edges of an image has been improved. The combination of the Megapixel CMOS image sensor and the high-performance optical system assists various observations ranging from close-up to distant views.

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: High quality image sequences are stored in temporary memory and can be accessed later



Automatic selection and display of a sharp image

Auto photometric control

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

Distant focus

Close Focus

* Available with the 800, 700, 600 and 500 series endoscopes.

EXPERIENCING ENDOSCOPY FROM **SCREENING TO TREATMENT**

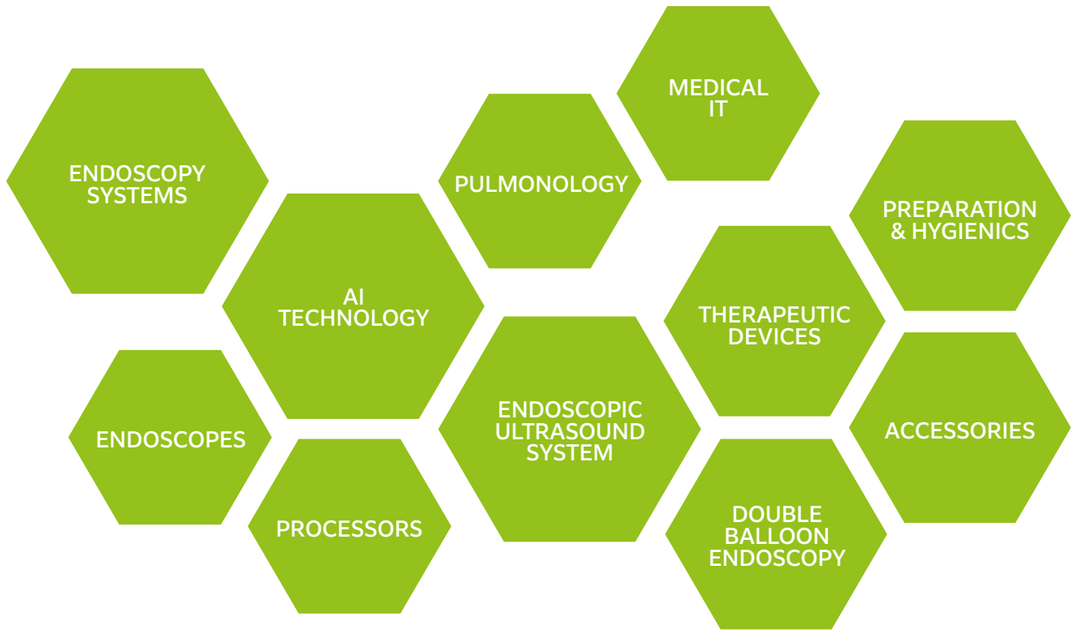
Reliable guidance, improved outcomes

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

We regularly set new benchmarks, for example, with the introduction of the LED Multi Light technology providing the observation modes LCI, BLI, and ACI with devices for double balloon endoscopy as well as the effective Flamingo device to meet the therapeutic challenges of the buried bumper-syndrome.

For diagnostic and interventional endoscopy Fujifilm is pushing the boundaries of endoscopic imaging technologies – AI empowered.

We have built a portfolio of solutions which are able to support the healthcare system to focus on the patient's needs. Fujifilm offers a wide range of endoscopic and therapeutic technologies from endoscopy systems to devices and services, providing endoscopy solutions from screening to treatment.



DAILY ENDOSCOPY PRACTICE

Step by step through the procedure

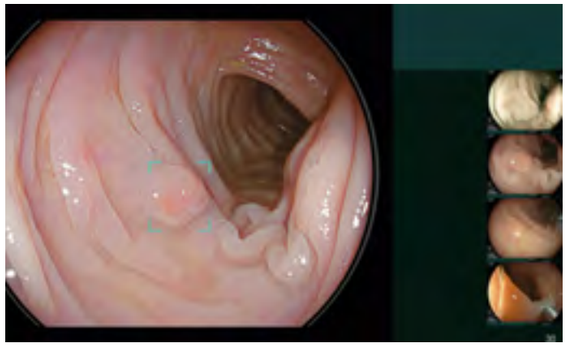
CADEYE

POWERED BY REiLI

Endoscopic examinations and treatments are complex procedures that require fingertip sensitivity as well as extensive, reliable equipment.

All the better if everything comes from a single source and the processes can thus be designed to be as safe and uncomplicated as possible. Fujifilm can guide you expertly through the procedure from start to finish.

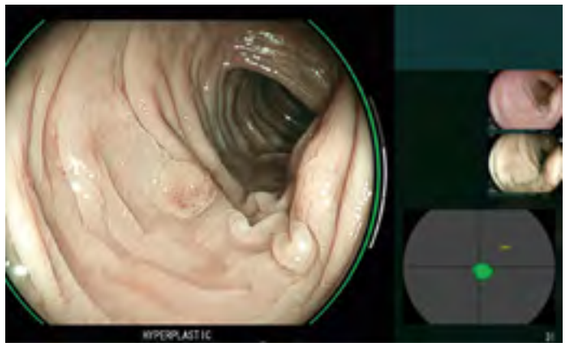
Step 1: Detection



CADEYE

LCI

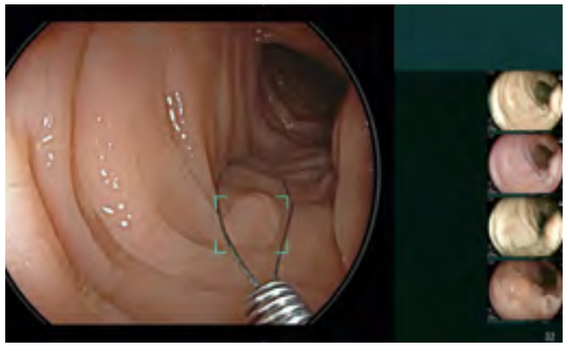
Step 2: Characterisation



CADEYE

BLI

Step 3: Treatment



CrossSnare ZERO

ACI

ENDOSCOPY SYSTEMS

Upper GI Endoscopy 26
Double Balloon Endoscopy 34
Lower GI Endoscopy 40
ColoAssist PRO Visualisation System 46
SCALE EYE Virtual Scale 48
CAD EYE Artificial Intelligence 50
Expansion Unit EX-1 52

UPPER GI ENDOSCOPY

See more, detect more

The ELUXEO® 800 and 700 series is compatible with special light observation modes such as Linked Color Imaging (LCI), Blue Light Imaging (BLI), and Amber-red Color Imaging (ACI), expanding Fujifilm's offerings in image enhanced endoscopy to support diagnosis, characterisation and treatment.

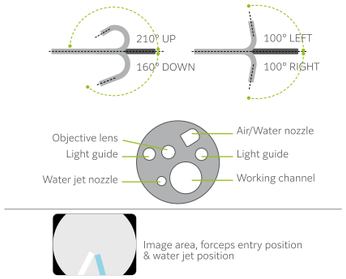
JAZZ valves:*
protection against infection and cross contamination.

* Manufactured by FUJIFILM medwork GmbH.

EG-840T ELUXEO® VIDEO GASTROSCOPE Therapeutic type

The EG-840T video gastroscope features the observation modes BLI, LCI, and ACI, which supports an improved visualisation of the blood flow. The working channel diameter is 3.2 mm which makes it especially suitable for therapeutic procedures. The 160° down angulation makes it more flexible in comparison to the EG-760CT.

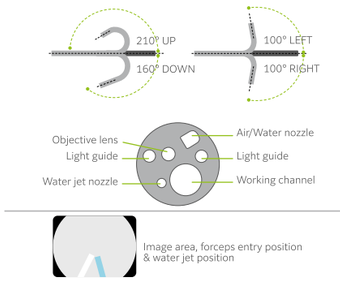
Viewing direction	0° (Forward)
Field of view	140°
Observation range	2 – 100 mm
Bending capability	Up 210°/Down 160° Right 100°/Left 100°
Ø Distal end	9.8 mm
Ø Flexible portion	9.8 mm
Minimum Ø of instrument channel	3.2 mm
Working length	1,100 mm
Total length	1,400 mm



EG-840TP ELUXEO® VIDEO ENDOSCOPE Slim type

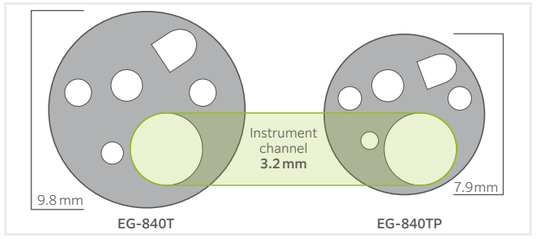
The EG-840TP is equipped with the same technologies as the EG-840T but has a slimmer insertion tube of 7.9 mm.

Viewing direction	0° (Forward)
Field of view	140°
Observation range	2 – 100 mm
Bending capability	Up 210°/Down 160° Right 100°/Left 100°
Ø Distal end	7.9 mm
Ø Flexible portion	7.9 mm
Minimum Ø of instrument channel	3.2 mm
Working length	1,100 mm
Total length	1,400 mm



3.2 mm working channel with Water Jet function

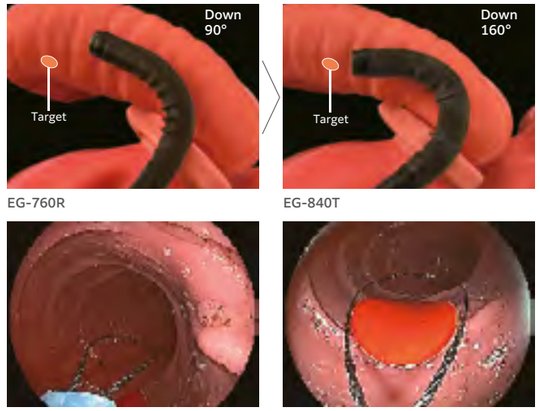
The EG-840TP has a slim insertion tube diameter of 7.9 mm and manages to incorporate an instrument channel of 3.2 mm, beyond a water jet function. This specification allows fine manipulations even in areas with narrow physical space. The EG-840T has the same instrument channel diameter of 3.2 mm but an insertion tube of 9.8 mm diameter. The insertion tube is stiffer compared of the EG-840TP's and therefore could be useful in areas with a larger space.



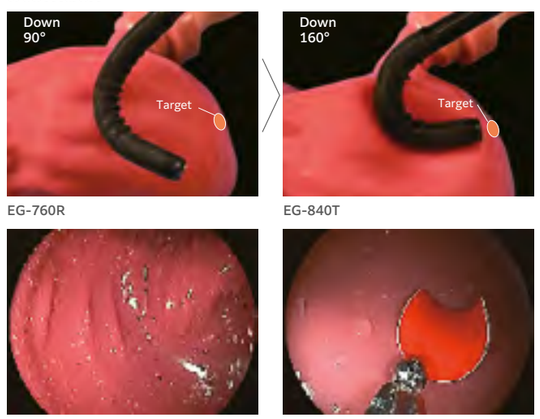
160° down angulation

The down-angulation of EG-840T and EG-840TP increased to 160° from 90° while maintaining an up-angulation of 210° which can be found on all 700 series gastroscopes. It is expected to facilitate the observation and treatment of lesions and sites that have been difficult to approach in the past.

Duodenum



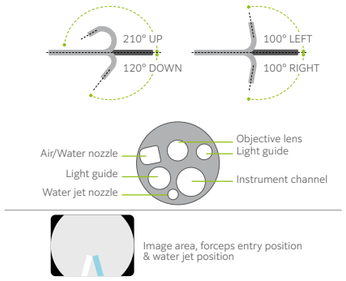
Stomach



EG-860R ELUXEO® VIDEO GASTROSCOPE Routine type

This routine gastroscope for the ELUXEO® 800 series is equipped with CMOS technology and provides 4K images and videos for daily practice. It allows observation from as little as 2 mm in depth and has a down angulation of 120°.

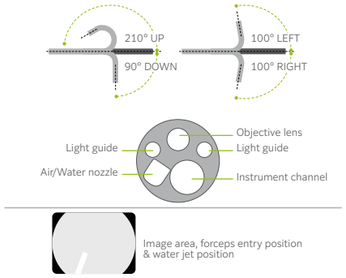
Viewing direction	0° (Forward)
Field of view	140°
Observation range	2 – 100 mm
Bending capability	Up 210°/Down 120° Right 100°/Left 100°
Ø Distal end	8.9 mm
Ø Flexible portion	8.9 mm
Minimum Ø of instrument channel	2.8 mm
Working length	1,100 mm
Total length	1,400 mm



EG-840N ELUXEO® VIDEO GASTROSCOPE

The ultra slim gastroscope equipped with a CMOS chip has a distal end diameter of 5.8 mm which 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 the potential to alleviate patients' discomfort.

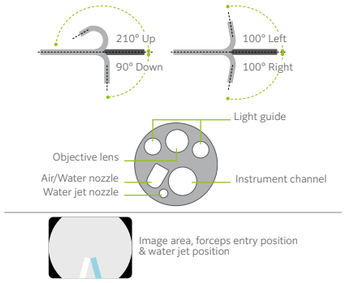
Viewing direction	0° (Forward)
Field of view	140°
Observation range	2 – 100 mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Ø Distal end	5.8 mm
Ø Flexible portion	5.9 mm
Minimum Ø of instrument channel	2.4 mm
Working length	1,100 mm
Total length	1,400 mm



EG-760R ELUXEO® VIDEO GASTROSCOPE Routine type

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.

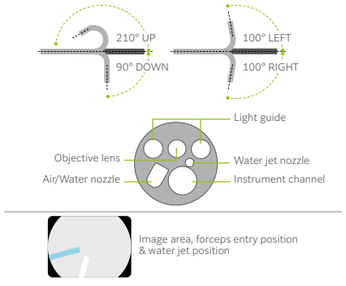
Field of view	140°
Observation range	2 – 100 mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Ø Distal end	9.2 mm
Ø Flexible portion	9.3 mm
Minimum Ø of instrument channel	2.8 mm
Working length	1,100 mm
Total length	1,400 mm



EG-760Z ELUXEO® VIDEO GASTROSCOPE Optical magnification

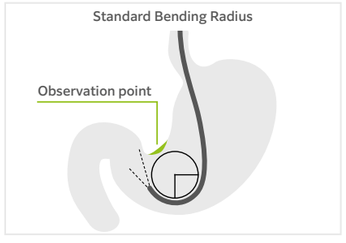
This zoom gastroscope features the well-known 145x Multi Zoom* which leads to clear and more detailed visualisation, supporting deeper analysis of mucosal structures. It has a small bending radius and similar functionality to the routine gastroscope including all features.

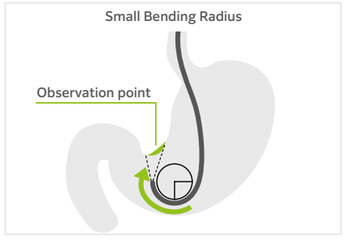
Field of view	Normal 140°/ Close 56°
Observation range	1.5 – 100 mm Normal 3 – 100 mm Close 1.5 – 2.5 mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Ø Distal end	9.9 mm
Ø Flexible portion	9.8 mm
Minimum Ø of instrument channel	2.8 mm
Working length	1,100 mm
Total length	1,400 mm



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.



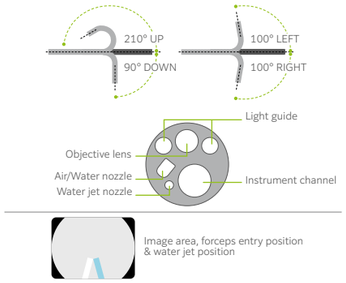


* In combination with 26" screen.

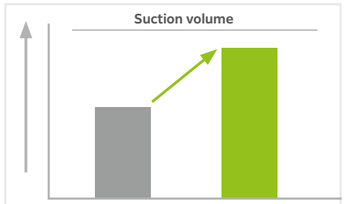
EG-760CT ELUXEO® VIDEO GASTROSCOPE Therapeutic type

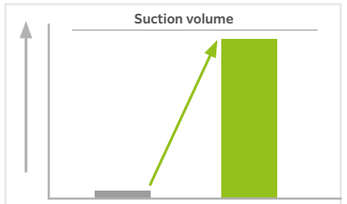
This gastroscope from the ELUXEO® 760 series is equipped with a large 3.8 mm working channel that is especially suitable for therapeutic procedures compared to the standard gastroscope EG-760R with a working channel of 2.8 mm. In addition to therapeutic use, the gastroscope features LCI, intended to 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°
Ø Distal end	10.5 mm
Ø Flexible portion	10.8 mm
Minimum Ø of instrument channel	3.8 mm
Working length	1,100 mm
Total length	1,400 mm



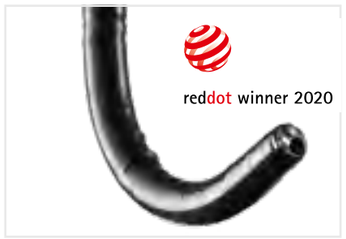
Enlarged working channel for improved suction performance
The 3.8 mm working channel has a higher suction capacity compared to other gastroscopes, especially when the therapeutic accessory is inserted into the working channel.



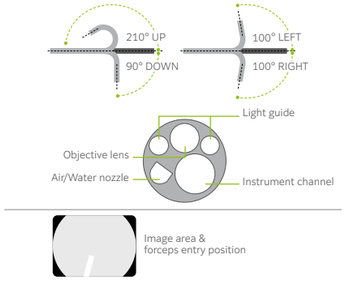


EG-740N ELUXEO® VIDEO GASTROSCOPE Ultra slim type

This ultra slim gastroscope with a distal end diameter of 5.8 mm 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 the potential to alleviate patients' discomfort.



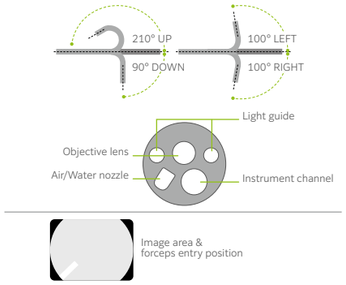
Field of view	140°
Observation range	3 – 100 mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Ø Distal end	5.8 mm
Ø Flexible portion	5.9 mm
Minimum Ø of instrument channel	2.4 mm
Working length	1,100 mm
Total length	1,400 mm



EG-720R ELUXEO® Lite VIDEO GASTROSCOPE Routine type

This ultra slim gastroscope with a distal end diameter of 5.8 mm 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 the potential to alleviate patients' discomfort.

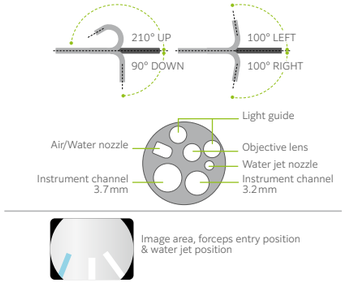
Field of view	140°
Observation range	2 – 100 mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Ø Distal end	9.2 mm
Ø Flexible portion	9.3 mm
Minimum Ø of instrument channel	2.8 mm
Working length	1,100 mm
Total length	1,400 mm



EI-740D/S ELUXEO® VIDEO GASTROSCOPE & SIGMOIDOSCOPE Dual channel

The ELUXEO® EI-740D/S is intended for use in both the upper gastrointestinal tract and sigmoid colon and combines the former EG-530D gastroscope, and ES-530WE sigmoidoscope in one exceptional endoscope. With its two instrument channels (3.7 and 3.2 mm) and improved suction performance, it is especially suitable for various therapeutic procedures.

Field of view	140°
Observation range	3–100 mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Ø Distal end	12.8 mm
Ø Insertion tube	12.8 mm
Minimum Ø of instrument channel	3.7 mm/ 3.2 mm
Working length	1,030 mm
Total length	1,330 mm



Large dual instrument channels

Compared to the 530 series dual instrument channel endoscopes, the EI-740D/S endoscope has an improved instrument channel capacity. The smaller instrument channel is increased from 2.8 to 3.2 mm, therefore providing an 3.2 and 3.7 mm dual instrument channel configuration. By accommodating two endotherapeutic devices simultaneously, the endoscope allows for a broader range of therapeutic possibilities.

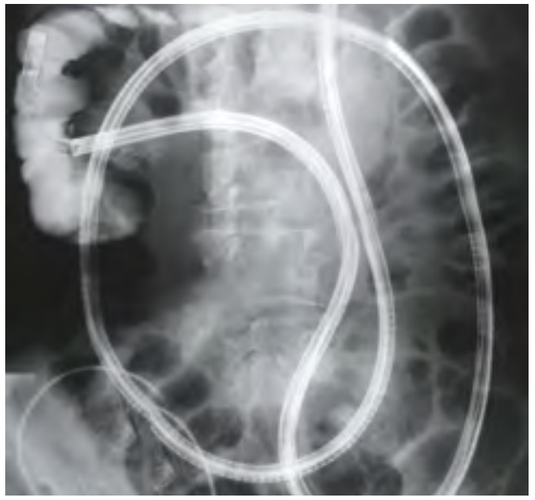
DOUBLE BALLOON ENDOSCOPY

Examining the small intestine in doubles

By developing the double balloon endoscope, Fujifilm pioneered examining and treating the entire 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 ERCPs with altered conditions post-surgery.

Double Balloon Endoscopy (DBE)

DBE 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 diagnosis and treatment.



Oral insertion (small intestine)

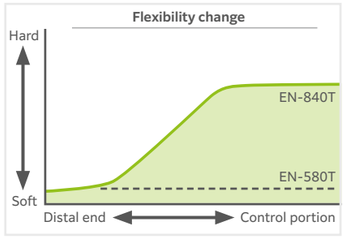
Anal insertion (small intestine)

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

ELUXEO® EN-840T Enteroscope

Water jet function
Thanks to the Water Jet function mucous and blood adhering on the mucous membranes can be washed away with the EN-840T and the scope's field of view can be cleaned promptly. It is expected to ease the observation and treatment procedure.

Improved insertion portion
EN-840T features the established insertion portion that is hard at the control portion and soft at the distal end. It is aiming to make it easier to transmit operations such as pushing, pulling, and rotating to the distal end of the endoscope. In addition, the curve vertex when bending is designed closer to the tip of the flexible portion compared to EN-580T.



Powerful image quality
EN-840T double balloon endoscope is equipped with a CMOS sensor and achieves HD image quality. It also features LCI (Linked Color Imaging) and BLI (Blue Light Imaging) to support from observation to treatment.

White Light Imaging

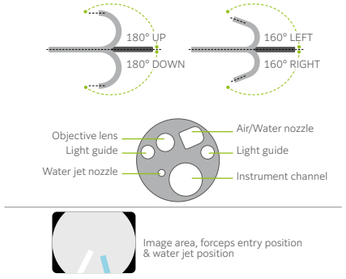
LCI-Mode

BLI-Mode

EN-840T ELUXEO® ENTEROSCOPE Therapeutic type

The EN-840T double balloon endoscope is equipped with a CMOS sensor and achieves HD image quality. It also features LCI (Linked Color Imaging), BLI (Blue Light Imaging), and ACI (Amber-red Color Imaging) to support from observation to treatment. Due to its Water Jet Function mucus and blood adhering on the mucous membranes can be washed away and the endoscope's field of view can be cleaned promptly.

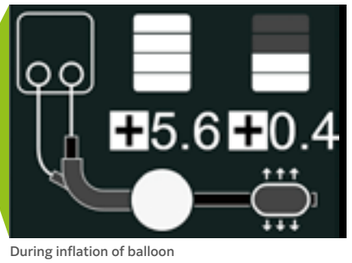
Viewing direction	0° (Forward)
Field of view	140°
Observation range	2 – 100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	9.4 mm
Ø Flexible portion	9.3 mm
Minimum Ø of instrument channel	3.2 mm
Working length	2,000 mm
Total length	2,300 mm



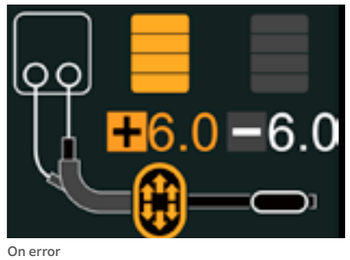
The advantages of combining ELUXEO® EN-840T & EP-8000

Operate PB-30 with a scope switch
When EP-8000 and PB-30 are connected with CC-PE01 (USB-RS-232C conversion cable), it is possible to operate PB-30 by pressing the scope switch (e.g. inflate/deflate balloon, stop PB-30 error buzzer). EN-840T has 5 switches. This allows to control PB-30 without removing the hand from the scope to support smooth examinations.

Balloon status and pressure on the endoscope screen
By displaying the status of the balloon and other devices on the endoscope screen, any irregularities can be checked immediately looking at the screen.



During inflation of balloon



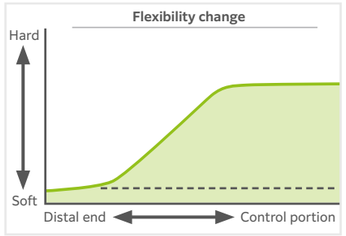
On error

”Short“ Double Balloon Endoscope EI-580BT

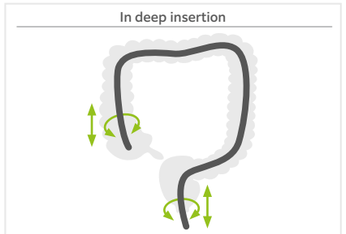
This “short” Double Balloon Endoscope (sDBE), is engineered to overcome technically challenging therapeutic ERCP procedures in patients with surgically altered anatomy such as Roux-en-Y reconstruction or hepaticojejunostomy anastomosis.

The “short” Double Balloon Endoscope’s length of 155 cm is optimum in such treatment; it provides compatibility with most of standard ERCP devices as well as superior maneuverability for smoother insertion in complex anatomy. Fujifilm has brought less invasive endoscopic interventions to the another level with this sDBE.

Improved flexible portion
With the newly developed flexible portion as well as two balloons, EI-580BT is designed to assist smooth insertion in complex reconstructed intestine.

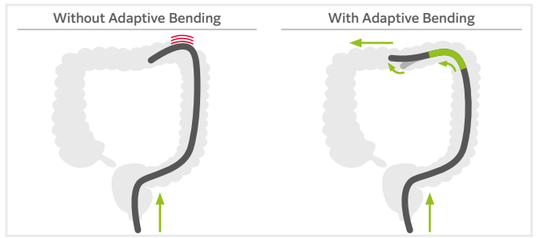


Advanced Force Transmission
The flexible portion is designed to transmit the pushing, pulling and rotating movements from the hand to the distal end of the endoscope. It is intended to be helpful for manoeuvrability inside the digestive tract.



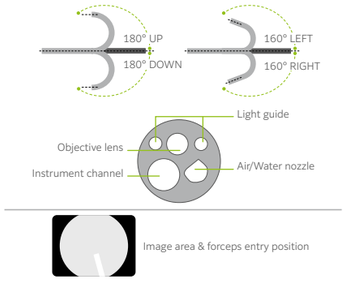
Small Turning Radius
EI-580BT assists precise access to target point with its improved angle maneuverability. It increases effect of jiggling and shaking technique in advancing in the altered anatomy, realizes stable coaxial alignment of device tip and bileduct without elevator function.

Adaptive Bending
The end of the bending section is soft, allowing the endoscope 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.



EI-580BT SHORT DOUBLE BALLOON ENDOSCOPE

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



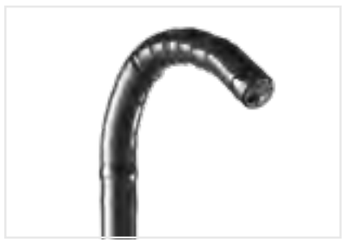
LOWER GI ENDOSCOPY

AI for colonoscopy

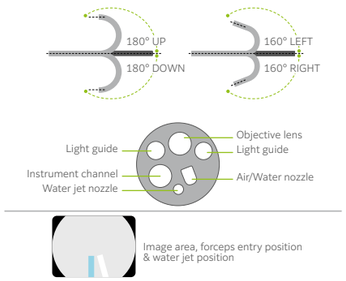
All ELUXEO® 800 and 700 series colonoscopes are compatible with Fujifilm's CAD EYE software to support physicians to detect and characterise colonic polyps, developed utilising AI technology.

EC-860P/M, L ELUXEO® VIDEO COLONOSCOPE Slim type

This ultra slim colonoscope for the ELUXEO® 800 series has a distal end diameter of only 11.5 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. The Flexible Adjuster is expected to support easier insertion.

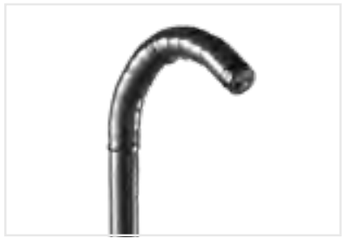


Viewing direction	0° (Forward)
Field of view	170°
Observation range	2 – 100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	11.5 mm
Ø Flexible portion	11.5 mm
Minimum Ø of instrument channel	3.2 mm
Working length	1,330 mm / 1,690 mm
Total length	1,650 mm / 2,010 mm

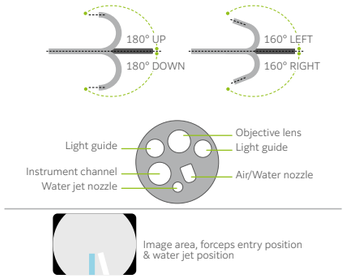


EC-860S/M, I, L ELUXEO® VIDEO COLONOSCOPE Routine type

This routine colonoscope is equipped with a CMOS chip and has a wide field of view of 170° as well as a large working channel of 3.8 mm. It is available in three lengths.

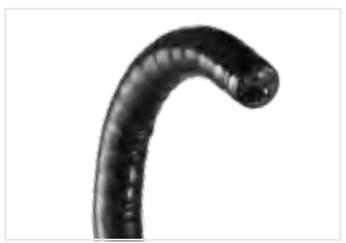


Viewing direction	0° (Forward)
Field of view	170°
Observation range	2 – 100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	12.8 mm
Ø Flexible portion	12.8 mm
Minimum Ø of instrument channel	3.8 mm
Working length	1,330 mm 1,520 mm 1,690 mm
Total length	1,650 mm 1,840 mm 2,010 mm

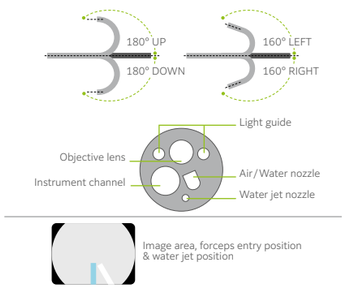


EC-760R-V/M, I, L ELUXEO® VIDEO COLONOSCOPE Routine type

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.

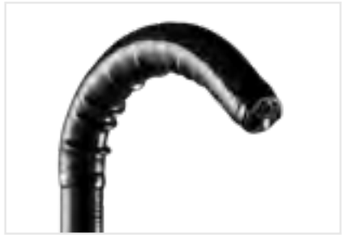


Field of view	170°
Observation range	2 – 100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	12.0 mm
Ø Flexible portion	12.0 mm
Minimum Ø of instrument channel	3.8 mm
Working length	1,330/1,520/1,690 mm
Total length	1,650/1,840/2,010 mm

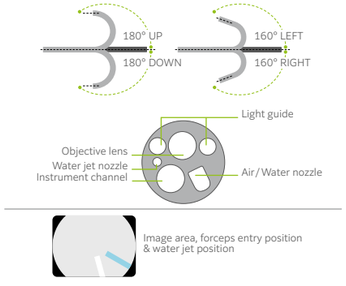


EC-760Z-V/M, L ELUXEO® VIDEO COLONOSCOPE Optical magnification

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



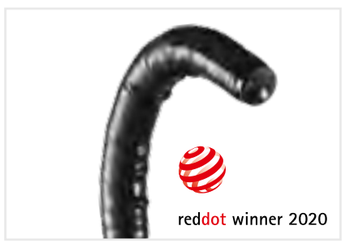
Field of view	Normal 140°/ Close 56°
Observation range	1.5 – 100 mm Normal 3 – 100 mm Close 1.5 – 2.5 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	12.8 mm
Ø Insertion tube	12.8 mm
Minimum Ø of instrument channel	3.8 mm
Working length	1,330 mm/1,690 mm
Total length	1,650 mm/2,010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



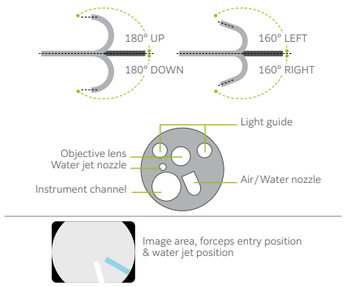
* In combination with 26" screen.
The CAD EYE AI technology is available for all colonoscopes.

EC-760ZP-V/M, L ELUXEO® VIDEO COLONOSCOPE Optical magnification

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

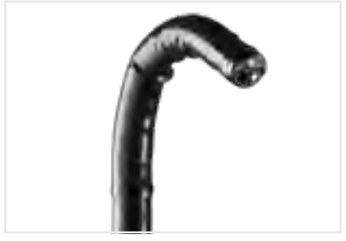


Field of view	Normal 140°/ Close 56°
Observation range	1.5 – 100 mm Normal 3 – 100 mm Close 1.5 – 2.5 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	11.7 mm
Ø Flexible portion	11.8 mm
Minimum Ø of instrument channel	3.2 mm
Working length	1,330/1,690 mm
Total length	1,650/2,010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

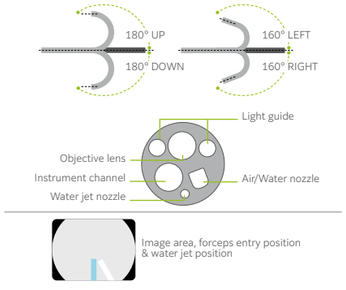


EC-760P-V/M, L ELUXEO® VIDEO COLONOSCOPE Slim type

This slim 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.



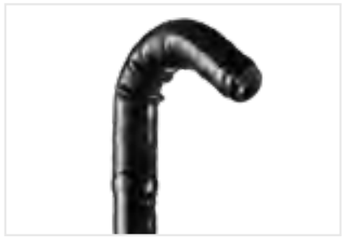
Field of view	170°
Observation range	2 – 100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	11.1 mm
Ø Flexible portion	11.5 mm
Minimum Ø of instrument channel	3.2 mm
Working length	1,330/1,690 mm
Total length	1,650/2,010 mm



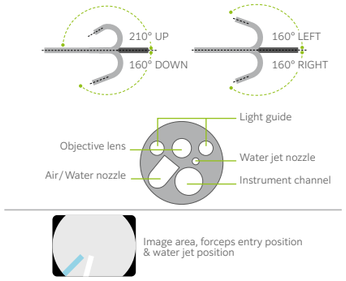
* In combination with 26" screen.
The CAD EYE AI technology is available for 700 series colonoscopes.

EC-740T/M, L ELUXEO® VIDEO COLONOSCOPE Slim & treatment type

This slim colonoscope is equipped with Advanced Force Transmission, 210º 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 is 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°
Ø Distal end	9.8 mm
Ø Flexible portion	10.7 mm
Minimum Ø of instrument channel	3.2 mm
Working length	1,330/1,690 mm
Total length	1,630/1,990 mm



Smart Bend

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

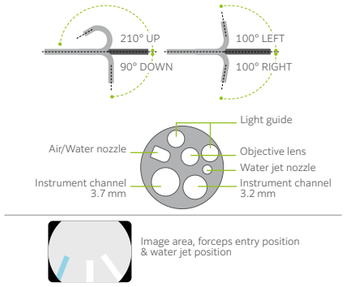
Smart Bend colonoscope: Up to 210°

Colonoscope without Smart Bend

EI-740D/S ELUXEO® VIDEO GASTROSCOPE & SIGMOIDOSCOPE Dual channel

The ELUXEO® EI-740D/S is intended for use in both the upper gastrointestinal tract and sigmoid colon and combines the former EG-530D gastroscope, and ES-530WE sigmoidoscope in one exceptional endoscope. With its two instrument channels (3.7 and 3.2 mm) and improved suction performance, it is especially suitable for various therapeutic procedures.

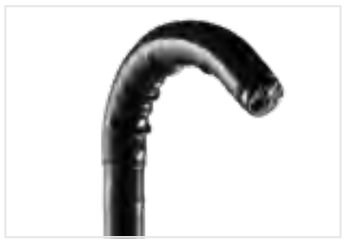
Field of view	140°
Observation range	3 – 100 mm
Bending capability	Up 210°/Down 90° Right 100°/Left 100°
Ø Distal end	12.8 mm
Ø Insertion tube	12.8 mm
Minimum Ø of instrument channel	3.7 mm/3.2 mm
Working length	1,030 mm
Total length	1,330 mm



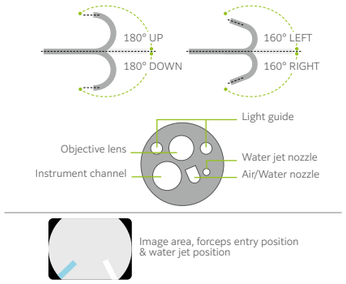
Large dual instrument channels

Compared to the 530 series dual instrument channel endoscopes, the EI-740D/S endoscope has an improved instrument channel capacity. The smaller instrument channel is increased from 2.8 to 3.2 mm, therefore providing an 3.2 and 3.7 mm dual instrument channel configuration. By accommodating two endotherapeutic devices simultaneously, the endoscope allows for a broader range of therapeutic possibilities.

EC-720R/M, I, L ELUXEO® Lite VIDEO COLONOSCOPE Routine type



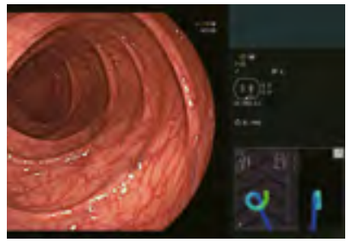
Field of view	170°
Observation range	2 – 100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	12.8 mm
Ø Flexible portion	12.8 mm
Minimum Ø of instrument channel	3.8 mm
Working length	1,330/1,520/1,690 mm
Total length	1,630/1,820/1,990 mm



* In combination with 26" screen.
The CAD EYE AI technology is available for 700 series colonoscopes.

COLOASSIST PRO ENDOSCOPE VISUALISATION

ColoAssist PRO
ENDOSCOPE VISUALIZER



The endoscope shape is to be displayed on the monitor for VP-7000 by using the PoP function

Excellent visualisation

Fujifilm's Endoscope Visualisation System displays the configuration of the endoscope in real-time by reproducing a coloured graphical representation of the endoscope next to endoscopic view.

Three display modes support physicians in understanding the behaviour of colonoscopes during the intubation, to enable the identification of loop formation and to reduce patient burden during an endoscopy.

Design Award Winner
Endoscope Visualisation System

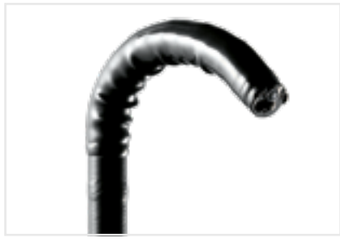
reddot winner 2022

iF DESIGN AWARD 2022

EC-760S-G/M, L ELUXEO® COLONOSCOPE Routine type

Multi Light technology · CMOS Technology · LCI · BLI · ACI · One-step Connector · 37 · Water Jet · 170 · Close Focus · ColoAssist PRO

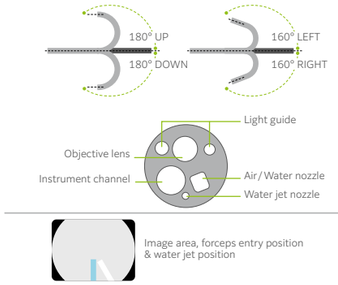
This routine colonoscope with visualisation function from the ELUXEO® 760 series is equipped with CMOS technology and provides HD images and videos for daily practice. Close Focus allows observation from a distance as close as 2 mm. The system requires the Endoscope Visualizer EV-3D with peripherals (handmarker, transceiver dish). It is compatible with the CAD EYE AI technology.



3.8 (F)

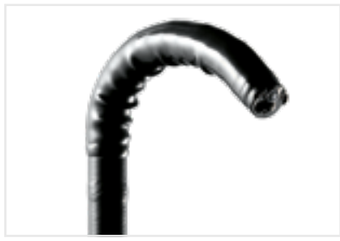
A unique symbol for the endoscope with "Visualizer"

Field of view	170°
Observation range	2 – 100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	12.8 mm
Ø Insertion tube	12.8 mm
Minimum Ø of instrument channel	3.8 mm
Working length	1,330/1,690 mm
Total length	1,650/2,010 mm
Endoscope Visualizer	Compatible

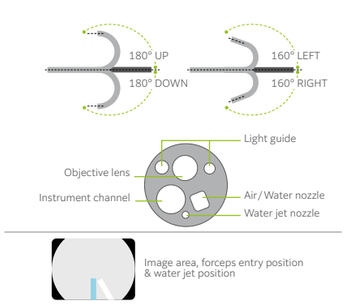


EC-760P-G/M, L ELUXEO® COLONOSCOPE Slim type

Multi Light technology · CMOS Technology · LCI · BLI · ACI · One-step Connector · 37 · Water Jet · 170 · Close Focus · ColoAssist PRO



Field of view	170°
Observation range	2 – 100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	11.7 mm
Ø Insertion tube	11.8 mm
Minimum Ø of instrument channel	3.2 mm
Working length	1,330/1,690 mm
Total length	1,650/2,010 mm
Endoscope Visualizer	Compatible



EV-3D ENDOSCOPE VISUALIZER

Power	100 – 240 V~ 50/60 Hz
Current consumption	1.0 – 0.7 A
Video Output	DVI-I (1280x1024 px/ 1920 x 1080 px) HD-SDI (1920x1080 px)
Supported endoscopes	EC-760S-G/L, M
Dimensions (W x H x D)	380 x 80 x 445 mm (including projection)
Weight	6.5 kg
Frequency band	200 – 2000 Hz

The system requires the Endoscope Visualizer EV-3D with peripherals (handmarker, transceiver dish) as well as the dedicated colonoscope. It is compatible with CAD EYE AI technology.

Transceiver Dish EV-TD1

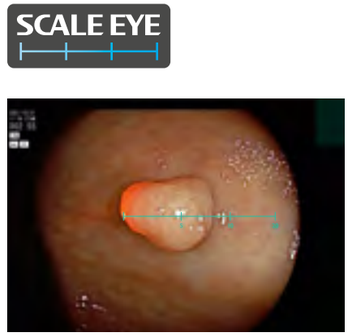
Hand Marker EV-HM

SCALE EYE
VIRTUAL SCALE TECHNOLOGY

Importance of measurement

The size of colonic lesions is considered important information, influencing optical diagnosis-based strategies (e.g. resect and discard), the surveillance interval and therapeutic interventions. However, it is not always straight-forward to estimate lesion size in the endoscopic field of view.

Fujifilm has developed SCALE EYE[1], a function designed to aid endoscopists in estimating the size of lesions in the colon. By simply pressing the endoscope switch, SCALE EYE is activated to support the endoscopist to determine the size of the lesion within the endoscopic field of view.



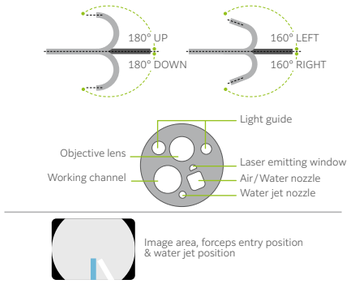
Simple User Interface

EC-760S-A/M, L ELUXEO VIDEO COLONOSCOPE

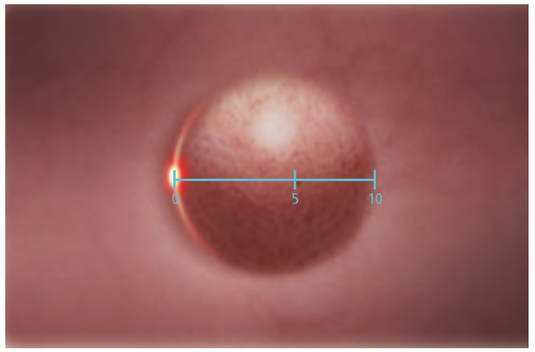
To enable virtual scale functionality, the EC-760S-A/M and EC-760S-A/L colonoscopes are equipped with a red laser, which must be used in combination with SCALE EYE software EW10-VM01 and EX-1* hardware. SCALE EYE can be used in combination with White Light or LCI mode and with CAD EYE.

A unique symbol for the endoscope with "Visualizer"

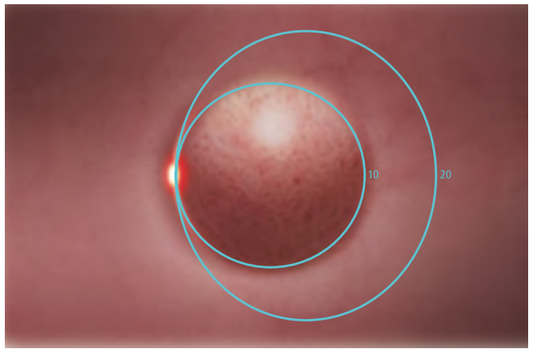
Field of view	170°
Observation range	2 – 100 mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	12.8 mm
Ø Insertion tube	12.8 mm
Ø Working channel	3.8 mm
Working length	1,330/1,690 mm
Total length	1,650/2,010 mm
Virtual Scale	Compatible



Linear or circle scales are available.



Line 5-10 mm



Circle 10-20 mm

CAD EYE
ARTIFICIAL INTELLIGENCE

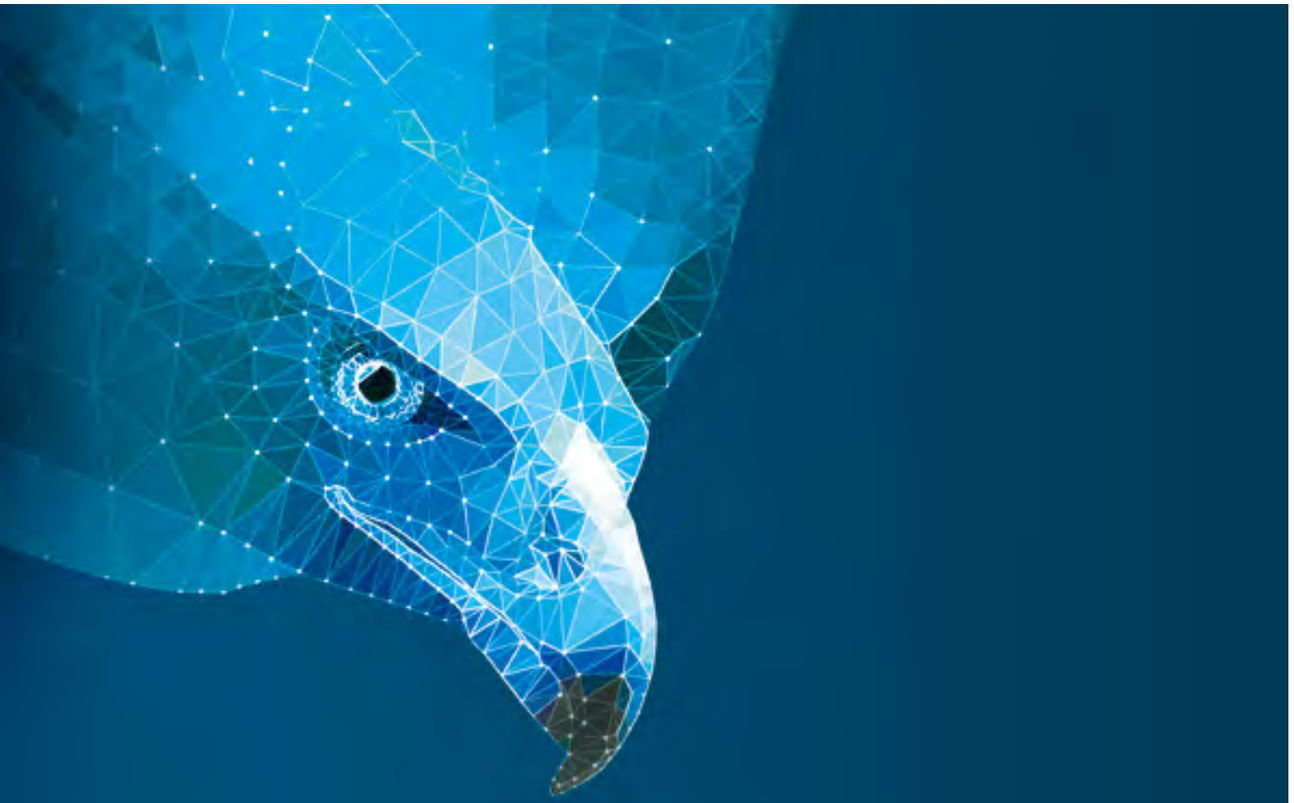
FOR COLONIC POLYP DETECTION & CHARACTERISATION

COMPATIBLE WITH ALL ELUXEO® 800 & 700 SERIES COLONOSCOPES

Intelligent support CADEYE

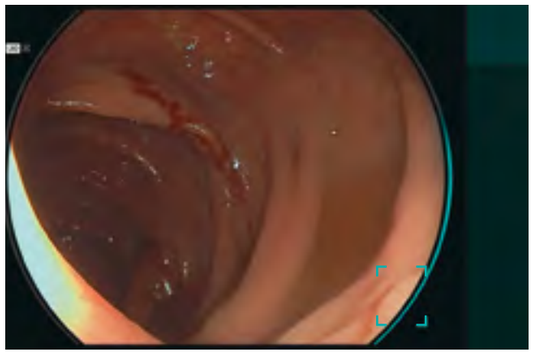
CAD EYE has been developed utilising AI deep learning technology and aims to support endoscopic lesion detection and characterisation in the colon. CAD EYE works with all ELUXEO® 800 and 700 series colonoscopes in combination with EW10-EC2 software and EX-1 hardware. It can easily be controlled with the endoscope switch or directly at the processor.

* Manufactured by EIZO Corporation, Japan.
For further information on the EX-1 please see page 30.



Real-time detection LCI

CAD EYE is aimed at improving 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 Imaging

LCI Mode

Characterisation support BLI

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

POWERED BY REiLI

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

EX-1 EXPANSION UNIT*

The Expansion Unit EX-1 is required to install the software for storage purposes as well as for SCALE EYE and CAD EYE. All softwares are compatible with each other. The EX-1 is future-ready thus upcoming applications can be installed as well.

Compatible processor	EP-8000, VP-7000, EP-6000
Video signals IN	DVI-I x1 (1920 x 1080)
Video signals OUT	DVI-I x1, DVI-D x1 (1920 x 1080)
Other connections	2x RS-232C Connectors Front 1x USB 2.0, back 4 x USB 3.1 2x Network/LAN ports
Power rating	100-240 VAC +/- 10%, 50/60 HZ 1.25 to 0.60 A
Dimensions (W x H x D)	370 x 99 x 465.6 mm (including projection)
Weight	7.1 kg

EW10-SC01 SOFTWARE

Compatible endoscopes	800, 700, 600, 500 series endoscopes
Package content	USB flash drive installation for documentation function
Functions	- Movie and still image recording with preview function - Network function: Still image transfer via FTP/FTPS/DICOM storage, for video recording transfer via Samba network protocol - Automatic copy to external USB memory
Image storage specifications	Resolution: Full HD/ SXGA File format: TIFF/ JPEG
Video storage specifications	Resolution: Full HD, File format: MP4 Frame rate: 30 fps Max. recording time: 3 hours continuously** Internal memory: max. 90 hours**

EW10-EC02 SOFTWARE

Compatible endoscopes	800, 700 series colonoscopes
Package content	USB flash drive for CAD EYE installation
Functions	Detection and Characterisation support for colonic polyps

EW10-VM01 SOFTWARE

Compatible endoscopes	EC-760S-A/M, L
Package content	USB flash drive for SCALE installation
Functions	Virtual scale for measurement support

* Manufactured by EIZO Corporation, Japan.
** From version 1.4.000 on.

PROCESSORS & LIGHT SOURCES

EP-8000 | BL-7000 | VP-7000 | EP-6000

Processor & Light Source 8000 54
Processor & Light Source 7000 56
Processor & Light Source 6000 57

PROCESSORS & LIGHT SOURCES

For demanding procedures

Our long-standing experience in developing imaging technologies also provides you with an excellent processor for your application at all times.

All models offer digital image processing and video interfaces. With ergonomic user controls, these video processors save valuable time and facilitate more comfortable examinations.

Expanded Therapeutic Solution

The EP-8000 processor offers the new ACI (Amber-red Color Imaging) technology, designed to enhance blood flow visualisation and bleeding source localisation. It is compatible with the endoscope series 800 and 700 (except for 720), providing excellent diagnostic and therapeutic capabilities.

MULTI LIGHT TECHNOLOGY

ACI TECHNOLOGY

160° BENDING CAPABILITY

Efficient Workflow

Targeted to easy performance and a high functional workflow management, the EP-8000 offers improved connectivity and can be expanded with various peripheral devices and systems.

EP-8000 ELUXEO® HIGH-PERFORMANCE VIDEO PROCESSOR

To achieve high standards, the eco-friendly ELUXEO® 8000 system features the 4-LED Multi Light Source. Now 4K ready, the EP-8000 system is installed with a 12G-SDI output, providing the possibility of 4K video quality. Its enhanced linkage and expandability with various peripherals and systems support easy operation and efficient workflow management.

The EP-8000 is compatible with a wide variety of FUJIFILM's endoscopes ranging from 500/600 system xenon light based endoscopes to the more advanced 700 and 800 series ELUXEO® generation endoscopes.

Light source	Multi LED
Air supply pump	High, Mid, Low, Off
Compatible endoscopes	800, 700, 600, 580 series endoscopes
Output	12G-SDI, 3G-SDI, DVI-D, RGB-TV
Input	Digital 2 channel PoP
External memory	USB Flash Drive
Power rating	100 – 240 V, 50/60 Hz, 3.0 – 1.5A
Dimensions (W x H x D)	395 x 210 x 515 mm (including projection)
Weight	18.0 kg

NEW

ACL OR-PC 15*

The Processor Control function is integrated to facilitate the seamless control of specific functions of the EP-8000 processor.

- Intel i5 Processor, Windows 11 Pro
- 500 GB Hard Drive, 8 GB Ram
- Automatic copy to external USB memory
- Expansion capture card including 1x DVI, 1x HDMI, 1x 3G-SDI, Analogue
- Corning® Gorilla® Glass

*** Manufactured by ACL GmbH, Germany.**

VP-7000 ELUXEO® HIGH-PERFORMANCE VIDEO PROCESSOR

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. In addition to the ELUXEO® 800 and 700 series endoscopes, it is also compatible with the 600 and 500 series of endoscopes. The processor creates high-quality images displayed in full HD on the monitor. Automatic back-up mode for data storage is integrated and the processor is DICOM compatible.

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

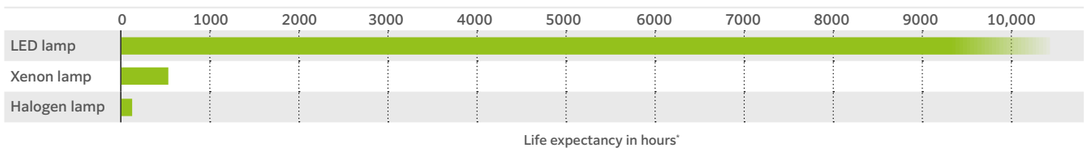
Video Processor VP-7000

Light Source BL-7000

BL-7000 ELUXEO® 4-LED LIGHT SOURCE with high durability

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 ELUXEO® 7000 system features the 4-LED Multi Light Source, which outperforms conventional Xenon or Halogen light sources: With 10,000 hours* 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	4-LED
Air supply pump	High, Mid, Low, Off
Power rating	100 – 240 V, 50/60 Hz, 1.2 – 0.7 A
Dimensions (W x H x D)	390 x 155 x 485 mm (including projection)
Weight	12.0 kg
Optical radiation safety	Class 1 LED product



Durability Warranty

Our confidence in the ELUXEO® systems EP-8000 and 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.*

*** This warranty is only valid according to the terms and conditions of the Durability Warranty Policy.**

EP-6000 ELUXEO® Lite VIDEO PROCESSOR with built-in LED light source

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 endoscopes. Available combined with the 800 and 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 endoscopes. 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.

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

Available observation modes	White Light	BLI	LCI	FICE
800/700 series	●	●	●	●
500/600 series	●			●

ESD

Hoods	62
Knives	64
Traction Device	68
Water Pump	70
Injection Needles	72
Haemostat	72
Insufflator	74

ST HOODS

ST Hoods have a transparent, small caliber tip, maintaining a clear field of view.
- Providing a clear and stable view by maintaining the distance between the distal end and mucosal layer
- Side holes for better drainage of fluid to maintain a clear endoscopic view
- Sterile and single-use for better infection control
- Guide groove (available with DH-33GR and DH-34CR) to stabilise endotherapeutic devices

Model	Material code	Characteristics	Ø Outer (mm)	Ø Inner tip (mm)	Tip length (mm)	Accessory guide	Applicable endoscopes	Unit
DH-28GR	**16426426**	Transparent; silicone rubber, polycarbonate resin	11.5	8.0	7.0	Without	EG-840T EG-760Z EG-600ZW EC-740T/M, L	5
DH-29CR	**16426438**	Transparent; silicone rubber, polycarbonate resin	12.4	8.0	7.0	Without	EC-860P/M, L EC-760P-V/M, L	5
DH-30CR	**16426440**	Transparent; silicone rubber, polycarbonate resin	13.8	8.0	7.0	Without	EC-860S/M, I, L EC-760R-V/M, I, L EC-760ZP-V/M, L EC-760Z-V/M, L EC-720R/M, I, L EC-600WM/WI/WL EC-600ZW/M, L	5
DH-33GR	**16635493**	Transparent; guide type; silicone rubber, polycarbonate resin	11.8	7.0	7.0	Yes	EG-840T EG-760Z EG-760CT EC-740T/M, L	5
DH-34CR	**16635508**	Transparent; guide type; silicone rubber, polycarbonate resin	13.6	7.0	7.0	Yes	EC-860P/M, L EC-760R-V/M, I, L EC-760ZP-V/M, L EC-600WM/WI/WL	5
NEW **DH-083ST**	**16833411**	Transparent; silicone rubber, polycarbonate resin	9.5	7.0	3.5	Without	EG-840TP	5
NEW **DH-106STL**	**16833423**	Transparent; silicone rubber, polycarbonate resin	11.6	8.0	6.0	Without	EG-840T EG-760Z EC-740T/ M, L	5
NEW **DH-116STL**	**16833435**	Transparent; silicone rubber, polycarbonate resin	12.6	8.0	6.0	Without	EG-760CT EC-860P/M, L EC-760P-V/ M, L	5
DH-126STL	**16833447**	Transparent; silicone rubber, polycarbonate resin	13.7	8.0	6.0	Without	EC-760R-V/ M, I, L EC-760ZP-V/ M, L	5

DH-28GR

DH-29CR

DH-30CR

DH-33GR

DH-34CR

DH-083ST

DH-106STL

DH-116STL

DH-126STL

OBSERVATION HOODS

Model	Material code	Characteristics	Ø Outer (mm)	Ø Inner tip (mm)	Tip length (mm)	Applicable endoscopes	Unit
DH-17EN2	**16783393**	Transparent, sterilised with EOG	11.5	8.5	1.5	EI-580BT, EN-580T	10
DH-32EN	**16516594**	Transparent, sterilised with EOG	9.7	5.0	1.5	EI-580BT, EN-580T, EN-580XP	10

DH-17EN2

DH-32EN

TOP ENDOSCOPIC HOODS*

THIRD PARTY PRODUCT

The slit and drainage hole allows fluid to drain away quickly.

Model	Material code	Characteristics	Ø Outer (mm)	Tip length (mm)	Applicable endoscopes	Unit
SHS	**70100142568**	Soft and transparent	8.6 – 9.8		EG-860R EG-840T EG-760R	5
SHM	**70100139249**	Soft and transparent	9.8 – 10.6		EG-840T EG-760Z EG-760CT EC-740T/M, L	5
SHL	**70100139248**	Soft and transparent	10.6 – 12.6		EC-860P/M,L EC-760R-V/M, I, L EC-760ZP-V/M, L EC-760P-V/M, L	5
SHLL	**70100143067**	Soft and transparent	12.6 – 14.0		EC-860S/M,I,L EC-760Z-V/M, L	5
SHM-B	**70100139250**	Soft and black	9.8 – 10.6		EG-840T EG-760Z EG-760CT EC-740T/M, L	5
SHL-B	**70100139251**	Soft and black	10.6 – 12.6		EC-860P/M, L EC-760R-V/M, I, L EC-760ZP-V/M, L EC-760P-V/M, L	5
NEW **SHF-010**	**70100168015**	Hard and transparent	9.0 – 9.2	3.5. – 7.0	EG-720R EG-760R	5
SHF-020	**70100143067**	Hard and transparent	9.8	3.5. – 7.0	EG-840T EG-760Z EC-740T/M, L	5
SHF-035	**70100139658**	Hard and transparent	10.8	3.5. – 7.0	EG-760CT EC-760P-V/M, L	5
SHF-045	**70100141234**	Hard and transparent	11.5	3.5. – 7.0	EC-860P/M,L EC-760R-V/M, I, L	5
SHF-050	**70100139656**	Hard and transparent	12.2	3.5. – 7.0	EC-760ZP-V/M, L	5
SHF-055	**70100139657**	Hard and transparent	13.2	3.5. – 7.0	EC-860S/M,I,L EC-760Z-V/M, L	5

SHS / M / L / LL

SHM-B / L-B

SHF

* Manufactured by Top Corporation, Japan. Not for sale in Canada.

CLUTCHCUTTER

The 3-in-1 ESD tool for various techniques

The ClutchCutter is a well proven endoscopic mucosal dissection tool that can enable the user to grasp, and electrically dissect and coagulate the mucosa of the upper and lower GI tract.

In procedures that need to be performed perpendicular to the muscular layer, the ClutchCutter makes it possible to grasp, lift up and incrementally dissect the tissue.

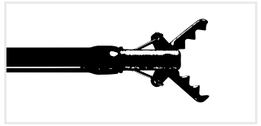
TOOTHED JAWS TO GRIP THE MUCOSA EFFICIENTLY

ROTATABLE DISTAL JAWS FOR A PRECISE LESION APPROACH

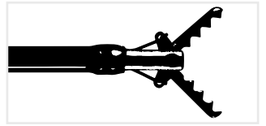
INSULATED OUTER EDGE TO REDUCE RISK OF DAMAGING LOCAL TISSUE

CLUTCH CUTTER ESD KNIFE

Model	Material code	Characteristics	Identifier	Knife length (mm)	Working length (mm)	Ø Instrument channel (mm)
DP2618DT - 35 -	16444210	ESD Scissor	- 35 -	3.5	1,800	2.8 or more
DP2618DT - 50 -	16444222	ESD Scissor	- 50 -	5.0	1,800	2.8 or more



DP2618DT -35-: 3.5 mm jaw length

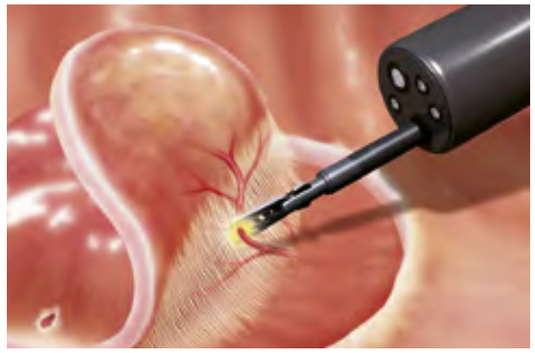


DP2618DT -50-: 5.0 mm jaw length

3-in-1 ability
All stages of ESD can be performed with this 3-in-1 tool, from marking to making incisions and coagulating.

1. Incision

2. Dissection



3. Coagulation

FLUSHKNIFE

Enhanced usability ideal for all physicians

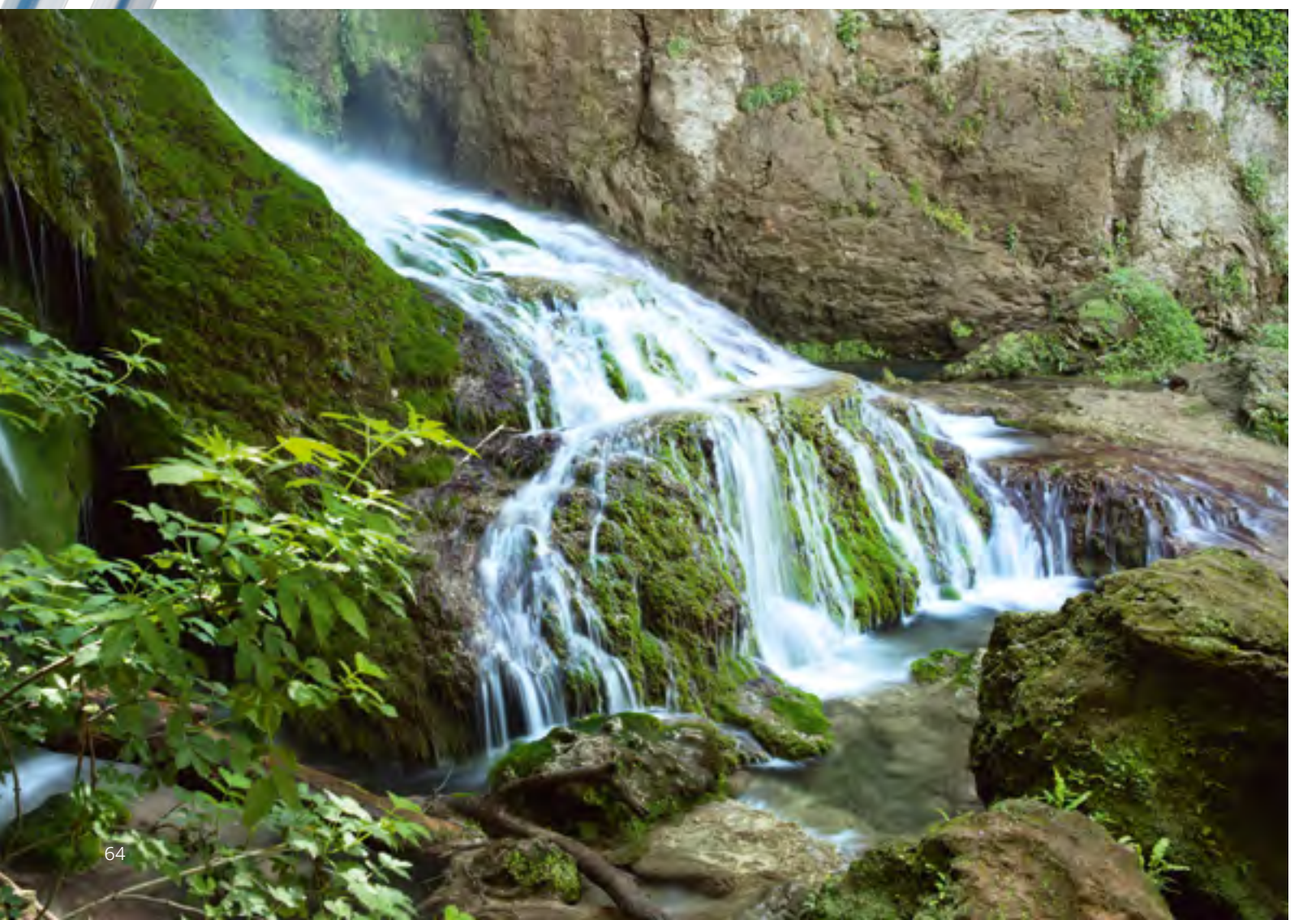
One knife covers everything from marking (coagulation), dissection to arrest of bleeding. The high versatility of this knife improves the efficiency of the procedure by reducing the exchange of instruments during the procedure.

THINNER SHEATH FOR ENHANCED SUCTION PERFORMANCE[1]

EXCELLENT MANOEUVRABILITY AND STABILITY[2]

FLUID SUPPLY CAPABILITY WITH WATER PUMP JW-3

1. Due to tapered catheter design between distal section and handle to increase working channel lumen.
2. Due to increased catheter diameter on the distal section to secure stable position in the working channel.



FLUSHKNIFE BTS

FlushKnife BTS has a ball tip which touches a wider range of tissue and supports effective coagulation.

Model	Material code	Characteristics	Identifier	Colour code	Knife length (mm)	Working length (mm)	Ø Instrument channel (mm)
DK2620JI-B15-	16659607	Ball tip, Slim Type	- B15 -	Green	1.5	2,000	2.8 or more
DK2620JI-B20-	16659619		- B20 -	Blue	2.0		
DK2620JI-B25-	16659621		- B25 -	Yellow	2.5		
DK2620JI-B30-	16659633		- B30 -	Black	3.0		
DK2623JI-B15-	16659669	Ball tip, Long slim type	- B15 -	Green	1.5	2,300	2.8 or more
DK2623JI-B20-	16659671		- B20 -	Blue	2.0		

FLUSHKNIFE NS

FlushKnife NS has a slim needle shaped tip.

Model	Material code	Characteristics	Identifier	Colour code	Knife length (mm)	Working length (mm)	Ø Instrument channel (mm)
DK2620JI-N10-	16659554	Needle tip, Slim Type	- N10 -	White	1.0	2,000	2.8 or more
DK2620JI-N15-	16659566		- N15 -	Green	1.5		
DK2620JI-N20-	16659578		- N20 -	Blue	2.0		
DK2620JI-N25-	16659580		- N25 -	Yellow	2.5		
DK2620JI-N30-	16659592		- N30 -	Black	3.0		
DK2623JI-N15-	16659645	Needle tip, Long slim type	- N15 -	Green	1.5	2,300	2.8 or more
DK2623JI-N20-	16659657		- N20 -	Blue	2.0		

1. Marking (coagulation)

2. Water jet

3. Mucosal incision

4. Submucosal dissection

5. Submucosal supply

6. Coagulation

Recommended applications*

Diameter	1 mm	1.5 mm	2 mm	2.5 mm	3 mm
Oesophagus	○	◎	◎	△	△
Stomach	○	◎	◎	◎	○
Colon	○	◎	◎	△	△

◎ Best indication
○ Possible Use
△ Indicated in certain cases

* Examples of the suitable protruding lengths are suggested by Takashi Toyonaga M.D. of Kobe University Hospital.
A physician must take into consideration each particular condition of the area or lesion to be dissected when selecting a protruding knife length.

TRACMOTION

Precise movement, faster procedures

To simplify the lesion extraction process, Fujifilm has developed the TRACMOTION traction device for ESD. It is designed to potentially facilitate enhanced visualisation.

It is expected to simplify the lesion excision process to allow for greater control and manoeuvrability during ESD procedures. TRACMOTION is equipped with 360° rotatable jaws, enabling easy grasping and re-grasping of large lesions.

360° ROTABLE JAWS

NO LOCKING MECHANISM NEEDED

POTENTIAL FOR BETTER VISUALISATION

SINGLE OPERATOR CAPABILITY

TRACMOTION SINGLE OPERATOR ESD TRACTION DEVICE

Model	Material code	Ø Outer, insertion portion (mm)	Working length (mm)	Compatible endoscope
GF3612RT	16747076	3.6	1,260	EI-740D/S and dual channel endoscopes with 3.7 mm minimum instrument channel diameter and 1,030 mm working length

GF3612RT

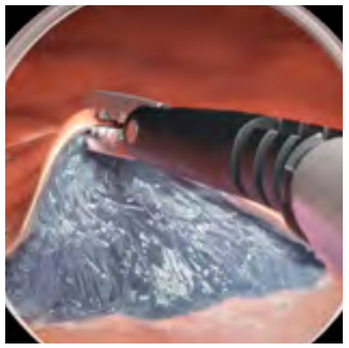
Compatibility with dual channel endoscopes
TRACMOTION is designed to work simultaneously and unobtrusively with an ESD knife using a dual channel endoscope. It is compatible with the Fujifilm EI-740D/S dual channel endoscope as well as other dual channel endoscopes that have one 3.7 mm (or larger) instrument channel and a working length of 1,260 mm.

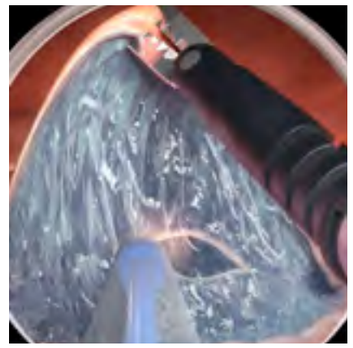
With TRACMOTION, ESD also is expected to be performed in retroflexion to further enhance visualisation in challenging anatomy.

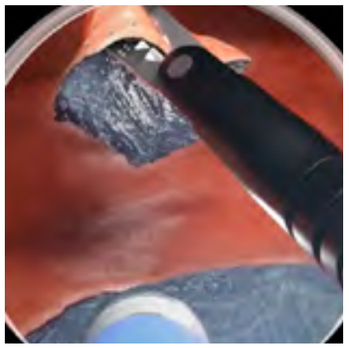
Simplifying ESD
With TRACMOTION, an endoscopist uses simple single-hand movements to control the distal end of the product, independent of the endoscope's movement. TRACMOTION can hold tissue during ESD without complicated locking mechanisms, potentially adding efficiency during this advanced procedure.

In addition, performing ESD with TRACMOTION is expected to allow for en bloc extraction while reducing the amount of lifting agent, the number of device exchanges, and the procedure time.

As an intuitive retraction tool, TRACMOTION simplifies the lesion extraction process, and offers the potential to endoscopists to reduce their time in both learning and performing ESD procedures.



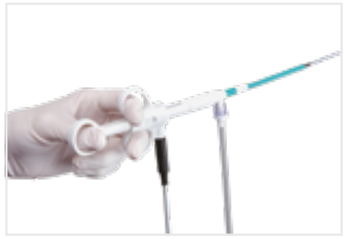


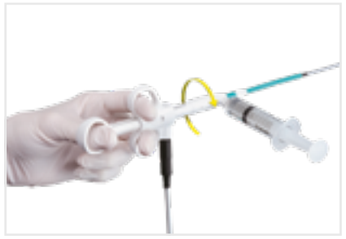


JW-3 WATER PUMP

Advanced piping technology enables water flow to be quickly stopped. The one litre water bottle enables prolonged water use and minimises the need for constant refilling.

Water jet system and rotable water supply port
The water jet system keeps the tip of the knife clean by washing off debris and lesion tissue adhering to the tip, thereby maintaining the sharpness of the knife throughout the treatment. The rotable water supply port allows comfortable usage of both tube and syringe connection.





Design Award Winner
JW-3 Water Pump

reddot winner 2022

DESIGN AWARD 2022

WATER PUMP ACCESSORIES

Product name	Material code	Where to use	Characteristics	Total tube length (mm)	Unit
Instrument channel tube JT-3RC	16642836	Instrument channel (mode A)	Reusable	2,230	1
Instrument channel-joint tube JT-3RC2	16642850	Instrument channel (mode A)	Reusable	195	5
Disposable instrument channel tube JT-3DC	16642862	Instrument channel (mode A)	Single-use	2,065	10
Water jet tube JT-3RW	16642848	Water jet (mode B)	Reusable	1,340 / Luer connector	2
Disposable water jet tube JT-3DW	16642874	Water jet (mode B)	Single-use	1,330 / Luer connector	10
Disposable therapeutic tube JT-30DT	16642886	Therapeutic device (mode C)	Single-use	3,350 / Luer connector	10
Water tank WT-3JW	16642824	Water tank			2

JT-3RC

JT-3RC2

JT-3DC

WT-3JW

JT-3RW

JT-3DW

JT-3DT

For infection prevention and safety

Autoclavable tubes and water tank, disposable tubes
Both tubes (JT-3RC, JT-3RC2, and JT-3RW) and water tank are autoclavable for effective sterilisation and are re-usable. In addition, sterilised disposable tube (JT-3DC, JT-3DW, and JT-3DT) can be selected in view of infection management.

Tip of JT-3DT to connection to saline bag

A line-up for therapeutic device (FlushKnife Slim: DK2620JI and DK2623JI) connection tube capable of submucosal supply
JT-3DT, designed for therapeutic device (FlushKnife Slim: DK2620JI and DK2623JI) is a disposable tube that connects to a saline bag via a port connector.

By combining this tube with FlushKnife Slim: DK2620JI and DK2623JI, it's possible to supply saline solution into the submucosal layer during ESD treatment.

For safety use, to avoid human error
If the cover of the pump head is opened during operation, operation is automatically stopped to protect users from injuries and accidents. The tube detector automatically recognises which tube is in use.

In consideration of safety use, the maximum flow rate is set for each tube. During continuous flow, the water supply is automatically stopped after a set duration for each type of detected tube, thus avoiding an incidence of human error.

Max. water flow rate and automatic cut-off timer

Tube type	Max. water flow rate	Automatic cut-off timer
A: Instrument channel tube	840 ml/min.	approx. 20 seconds
B: Water jet tube	220 ml/min.	approx. 20 seconds
C: Disposable therapeutic tube	209 ml/min.	approx. 8 seconds

MANTA INJECTION NEEDLES*

Manta ensures reliable retraction and extension of the needle, even in sharply angulated device positions, and prevents feared damage to the working channel. Maximum kink-resistance and single handed operation ease the application.

Product code	Material code	Characteristics	Ø Needle | Needle length (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
INJ1-A3-05-5-18-240	70100146666	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 (25 Gauge) | 5	2,400	2.0	5
INJ1-A3-07-5-18-240	70100146657	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 (23 Gauge) | 5	2,400	2.0	5

INJ1-A3

PURASTAT HAEMOSTAT

THIRD PARTY PRODUCT

PuraStat is a slightly viscous peptide solution which is approved to manage intraprocedural bleeding and reduce delayed bleeding (following ESD in the colon). When in contact with physiological fluids, the synthetic peptides self-assemble into a 3-dimensional matrix, resulting in effective haemostasis. PuraStat comes in a ready-to-use syringe. It is transparent, can be left in place and is suitable for use alongside other modalities, including coagulation and clips.

Product code	Material code	Characteristics	Unit
PURASTAT 1 ml 621-043 DE**	70100165774	Haemostatic gel 1ml syringe	1
PURASTAT 3 ml 621-044 DE**	70100165772	Haemostatic gel 3ml syringe	1
PURASTAT 5 ml 621-045 DE**	70100165773	Haemostatic gel 5ml syringe	1
PURASTAT 1ml 621-073	70100166745	Haemostatic gel 1ml syringe	1
PURASTAT 3ml 621-074	70100166746	Haemostatic gel 3ml syringe	1
PURASTAT 5ml 621-075	70100166752	Haemostatic gel 5ml syringe	1
PURASTAT Nozzle System Type-E	70100145376	Haemostatic gel catheter	5

Regional availability may vary, please contact your local distribution partner for further information.
PuraStat is a trademark for 3-D Matrix.

* Manufactured by FUJIFILM medwork GmbH, Germany.

HAEMOSTASIS CLIPS*

THIRD PARTY PRODUCT

Introducing the haemostasis clips designed to provide a simple solution for haemostasis and wound closure in the gastrointestinal tract.

- **Opening widths:** 9 mm, 11 mm, 13 mm and 16 mm
- **Jaw Angles:** 135° for effective bleeding control, 90° optimised for wound closure
- **Rotatable:** Allows for precise clip placement
- **Repositionable:** Open/close function
- **Removable:** The clip has a simple release mechanism for releasing the clip after placement, whether that be for temporary placement or misplacement of the clip

Product code	Material code	Characteristics	Opening width (mm)	Working length (mm)	Ø Instrument channel (mm)	Unit
AG-5108-2300-090-9	70100158091	Coated, jaw tip angle 90°	9	2,300	2.8	10
AG-5108-2300-135-9	70100158092	Coated, jaw tip angle 135°	9	2,300	2.8	10
AG-5103-2300-090	70100161926	Not coated, jaw tip angle 90°	11	2,300	2.8	10
AG-5103-2300-135	70100158089	Not coated, jaw tip angle 135°	11	2,300	2.8	10
AG-5104-2300-090	70100158090	Coated, jaw tip angle 90°	11	2,300	2.8	10
AG-5104-2300-135	70100158088	Coated, jaw tip angle 135°	11	2,300	2.8	10
AG-51018-2300-090-13	70100158093	Coated, jaw tip angle 90°	13	2,300	2.8	10
AG-51018-2300-135-13	70100158094	Coated, jaw tip angle 135°	13	2,300	2.8	25
AG-51043-2300-090-16	70100161925	Not coated, jaw tip angle 90°	16	2,300	2.8	10
AG-51043-2300-135-16	70100158097	Not coated, jaw tip angle 135°	16	2,300	2.8	25
AG-51044-2300-090-16	70100158095	Coated, jaw tip angle 90°	16	2,300	2.8	10
AG-51044-2300-135-16	70100158096	Coated, jaw tip angle 135°	16	2,300	2.8	25

Wide opening length, short remaining part

Synchronised rotation

Repositionable

Removable**

NEW

RELOADABLE HAEMOSTASIS CLIPS*

THIRD PARTY PRODUCT

Product code	Material code	Characteristics	Opening width (mm)	Working length (mm)	Ø Instrument channel (mm)	Unit
AG-55501-2300-090-11	70100168104	1x pre-loaded-clip, jaw tip angle 90°	11	2,300	2.8	10
AG-55501-2300-135-11	70100168105	1x pre-loaded-clip, jaw tip angle 135°	11	2,300	2.8	10
AG-55501-2300-090-16	70100168095	1x pre-loaded-clip, jaw tip angle 90°	16	2,300	2.8	10
AG-55501-2300-135-16	70100168102	1x pre-loaded-clip, jaw tip angle 135°	16	2,300	2.8	10
AG-55501-1650-090-11	70100168098	1x pre-loaded-clip, jaw tip angle 90°	11	1,650	2.8	10
AG-55501-1650-135-11	70100168099	1x pre-loaded-clip, jaw tip angle 135°	11	1,650	2.8	10
AG-55501-1650-90-16	70100168100	1x pre-loaded-clip, jaw tip angle 90°	16	1,650	2.8	10
AG-55501-1650-135-16	70100168101	1x pre-loaded-clip, jaw tip angle 135°	16	1,650	2.8	10
AG-55503-0000-090-11	70100168097	Cartridges, jaw tip angle 90°	11			25
AG-55503-0000-135-11	70100168097	Cartridges, jaw tip angle 135°	11			25
AG-55503-0000-090-16	70100168094	Cartridges, jaw tip angle 90°	16			25
AG-55503-0000-135-16	70100168096	Cartridges, jaw tip angle 135°	16			25

Synchronised rotation

Repositionable

Easy & rapid clip exchange

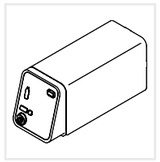
Colour coded cartridges according to different opening widths

* Manufactured by Hangzhou AGS Medtech Co., LTD, China. Regional availability may vary, please contact your local distribution partner for further information.
** Select a snare dedicated to clip removal with wire diameter between 0.36 mm – 0.41 mm, closing the snare in to the groove of the clip's tail.

GW-100 CO_2 INSUFFLATOR

Fast resorption of insufflated CO_2 for patient friendly examinations

- Direct connection to the hospitals' medical CO_2 pipeline as well as to medical CO_2 cylinder
- Easy-to-use CO_2 flow rate switching function and compact design
- 2 controlled flow rate settings



GW-100 Main Unit

CT-11G Gas Tube
Standard Accessory

WT-04G Gas / Water Tank
for 500 / 600 series
endoscopes

WT-604G Water Tank for
the ELUXEO® 700 series

Tube sets for the connection of GW-100 to the medical gas pipeline and medical gas cylinders are available.

POLYPECTOMY

Polypectomy Snares	74
Injection Needles	80
Foreign Body Retrieval Nets	82
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Foreign Body Protection Cap	84
Polyp Traps	85
Spray Catheters	86
Haemostat	86
Cytology Brushes	87
Examination Pants	87

CROSS SNARE ZERO

Cold polyp resection in a new dimension

Less effort, perfect cutting performance – that's what CrossSnare ZERO offers you thanks to its unique reinforced spiral tube design.

Equipped with extra thin cutting wire and available in two different sizes, CrossSnare ZERO is the perfect choice for polyps up to 9 mm and supports you optimally in implementing the ESGE guideline*.

PERFECT RESECTION THANKS TO UNIQUE TUBE DESIGN

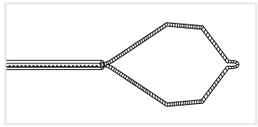
MULTIPLE SNARE DIAMETERS FOR DIMINUTIVE POLYPS

OPTIMAL FOR THE IMPLEMENTATION OF THE ESGE GUIDELINE*

* Ferlitsch Monika et al.: Colorectal polypectomy and endoscopic mucosal resection: European Society of Gastrointestinal Endoscopy (ESGE) Guideline – Update 2024, Endoscopy 2024.

CROSS SNARE ZERO POLYPECTOMY SNARES* for cold snaring

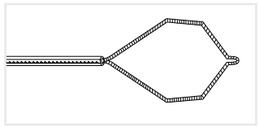
Product code	Material code	Characteristics	Ø Snare (mm)	Ø Snare wire (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
POL1-Z2-07-23-220	70100147742	Kite, CWT	7	0.29	2,200	2.8	10
POL1-Z2-12-23-220	70100147743	Kite, CWT	12	0.29	2,200	2.8	10



POL1-Z2

CROSS SNARE HYBRID POLYPECTOMY SNARES* for cold & hot snaring

Product code	Material code	Characteristics	Ø Snare (mm)	Ø Snare wire (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
POL1-X1-10-23-220-OL	70100146804	Kite, CWT	10	0.39	2,200	2.8	10
POL1-X1-15-23-220-OL	70100146758	Kite, CWT	15	0.39	2,200	2.8	10

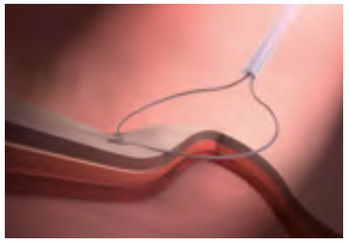


POL1-X1

More than just a cold snare – a hybrid comprising HOT and COLD
Over 90% of all polyps are smaller than 10 mm. Especially a number of small, flat lesions in the caecum or right colon constitute special challenges for the instrumentation. CrossSnare is the first hybrid snare to have been specially developed for the majority of polyps of clinical relevance in terms of ablation. The large opening angle, even if the snare is partially retracted, ensures optimal snare adjustment to match the size of the polyps between 3 mm and 15 mm. Compacted Wire Technology provides tissue-sparing cutting properties – both with and without HF current.

Supports efficient polypectomies

Large opening angle, even if the snare is partially retracted

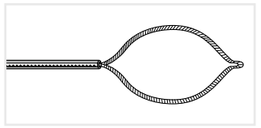


Compacted Wire Technology combines the benefits of a monofilament cutting wire with those of a braided cutting wire for a precise and controlled exploration

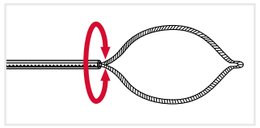
* Manufactured by FUJIFILM medwork GmbH, Germany.

POLYPECTOMY SNARES* for hot snaring

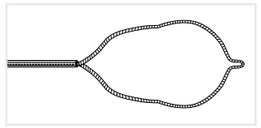
Product code	Material code	Characteristics	Ø Snare (mm)	Ø Snare wire (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
POL1-B1-30-18-260-OL	70100146543	Oval, CWT	30	0.39	2,600	2.8	10
POL1-B1-10-23-220-OL	70100146684	Convex, CWT	10	0.39	2,200	2.8	10
POL1-B1-10-23-260-OL	70100147822	Convex, balloon enteroscopy	10	0.39	2,600	2.8	10
POL1-B1-15-23-220-OL	70100146542	Convex, CWT	15	0.39	2,200	2.8	10
POL1-B1-15-23-260-OL	70100146685	Convex, balloon enteroscopy	15	0.39	2,600	2.8	10
POL1-B1-20-23-220-OL	70100146695	Convex, CWT	20	0.39	2,200	2.8	10
POL1-B1-20-23-260-OL	70100147810	Convex, balloon enteroscopy	20	0.39	2,600	2.8	10
POL1-B1-30-23-220-OL	70100146586	Convex, CWT	30	0.39	2,200	2.8	10
POL1-B1-30-23-260-OL	70100146712	Convex, balloon enteroscopy	30	0.39	2,600	2.8	10
POL1-D1-30-23-220-OL	70100146813	Convex, combi, CWT	15/30	0.39	2,200	2.8	10
POL1-K1-25-23-220-OL	70100146726	Asymmetrical, CWT	25	0.39	2,200	2.8	10
POL1-B7-10-23-220-OL	70100146697	Oval, braided wire	10	0.45	2,200	2.8	10
POL1-B7-15-23-220-OL	70100146626	Oval, braided wire	15	0.45	2,200	2.8	10
POL1-B7-20-23-220-OL	70100146698	Oval, braided wire	20	0.45	2,200	2.8	10
POL1-B7-30-23-220-OL	70100146659	Oval, braided wire	30	0.45	2,200	2.8	10
POL1-B8-10-23-220-OL	70100146627	Oval, rotable, braided wire	10	0.45	2,200	2.8	10
POL1-B8-15-23-220-OL	70100146628	Oval, rotable, braided wire	15	0.45	2,200	2.8	10
POL1-B8-22-23-220-OL	70100146675	Oval, rotable, braided wire	22	0.45	2,200	2.8	10
POL1-B8-30-23-220-OL	70100146570	Oval, rotable, braided wire	30	0.45	2,200	2.8	10
POL1-F1-30-23-220-OL	70100146740	Hexagonal, braided wire	30	0.45	2,200	2.8	10



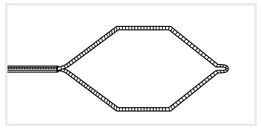
POL1-B1 / B7



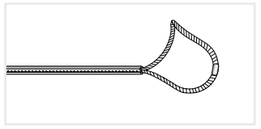
POL1-B8



POL1-D1

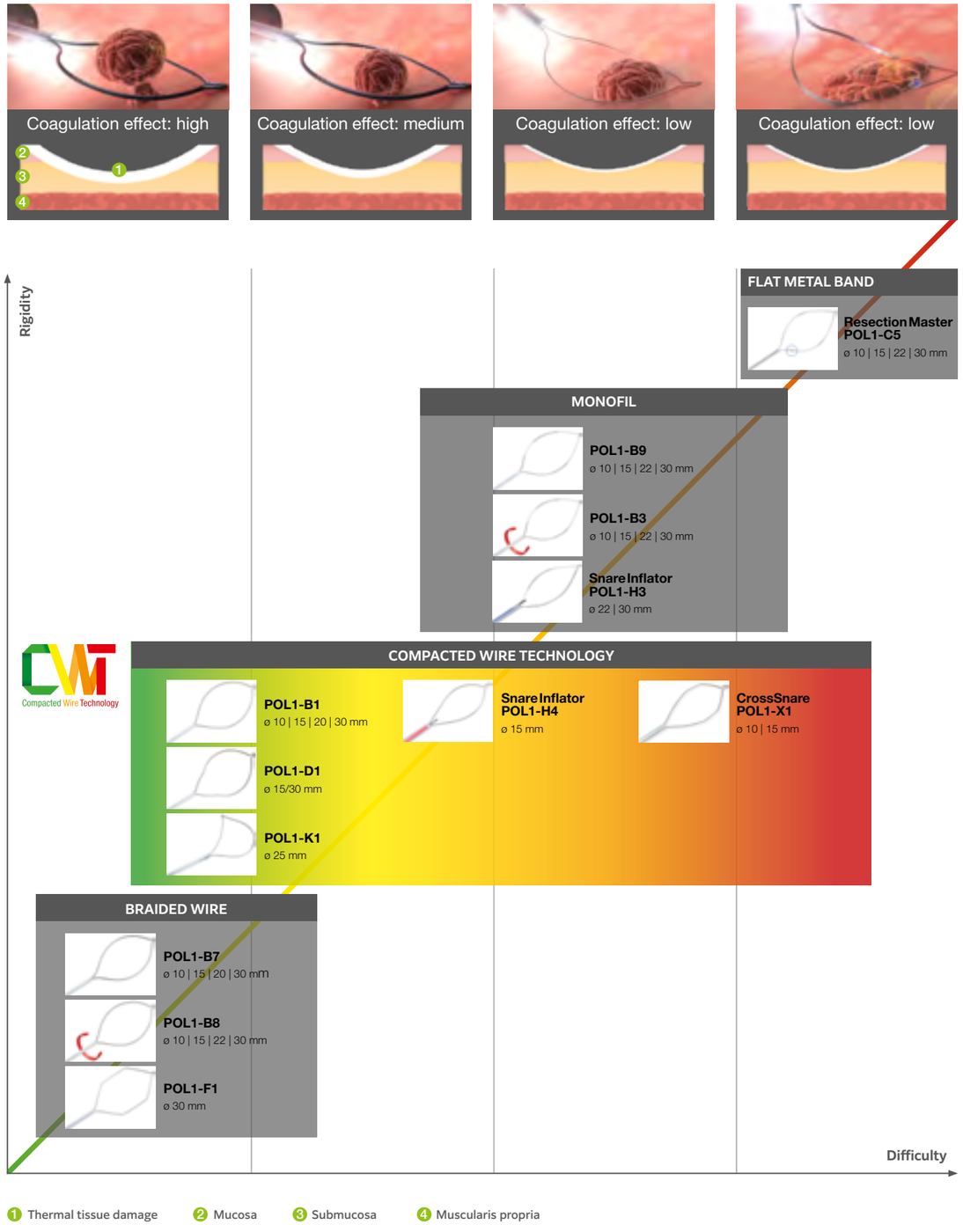


POL1-F1



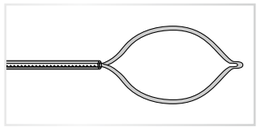
POL1-K1

* Manufactured by FUJIFILM medwork GmbH, Germany.

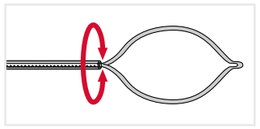


POLYPECTOMY SNARES*

Product code	Material code	Characteristics	Ø Snare (mm)	Ø Snare wire (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
POL1-B9-10-23-220-OL	70100146687	Oval, monofil	10	0.25	2,200	2.8	10
POL1-B9-15-23-220-OL	70100146603	Oval, monofil	15	0.25	2,200	2.8	10
POL1-B9-22-23-220-OL	70100146571	Oval, monofil	22	0.25	2,200	2.8	10
POL1-B9-30-23-220-OL	70100146694	Oval, monofil	30	0.25	2,200	2.8	10
POL1-B3-10-23-220-OL	70100146624	Oval, rotable, monofil	10	0.25	2,200	2.8	10
POL1-B3-15-23-220-OL	70100146604	Oval, rotable, monofil	15	0.25	2,200	2.8	10
POL1-B3-22-23-220-OL	70100146625	Oval, rotable, monofil	22	0.25	2,200	2.8	10
POL1-B3-30-23-220-OL	70100146686	Oval, rotable, monofil	30	0.25	2,200	2.8	10



POL1-B9



POL1-B3

RESECTION MASTER POLYPECTOMY SNARES* for EMR

Product code	Material code	Characteristics	Ø Snare (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
POL1-C5-10-23-220-OL	70100146793	Oval, flat metal band	10	2,200	2.8	10
POL1-C5-15-23-220-OL	70100146802	Oval, flat metal band	15	2,200	2.8	10
POL1-C5-22-23-220-OL	70100146803	Oval, flat metal band	22	2,200	2.8	10
POL1-C5-30-23-220-OL	70100146801	Oval, flat metal band	30	2,200	2.8	10

POL1-C5

Figure: POL1-C5-22-23-220-OL
Ideal resection thanks to an optimised hold on the tissue

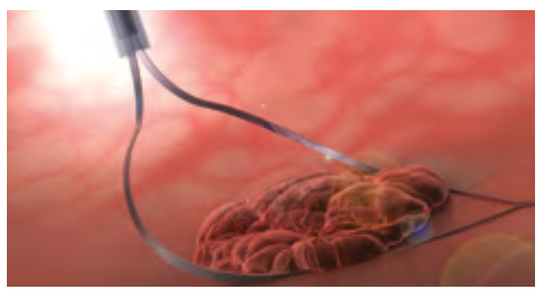
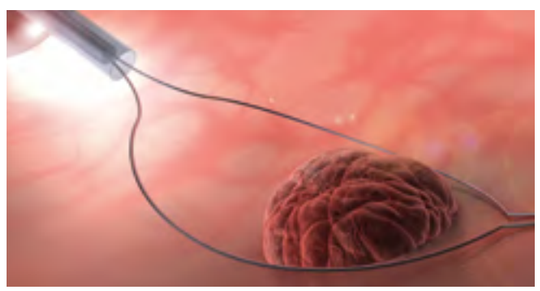


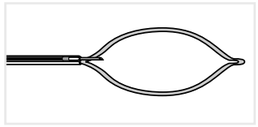
Figure: POL1-B9-15-23-220-OL
Gentle tissue coagulation and controlled cut



* Manufactured by FUJIFILM medwork GmbH, Germany.

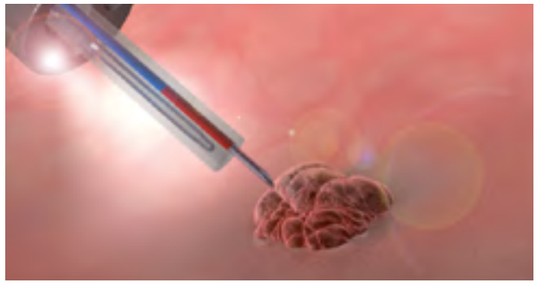
SNARE INFLATOR POLYPECTOMY SNARES* with integrated injection needle

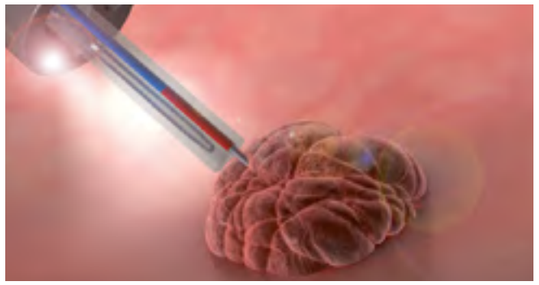
Product code	Material code	Characteristics	Ø Snare (mm)	Needle length (mm)	Ø Snare wire (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
POL1-H4-15-27-230-OL	70100146793	Oval, CWT	15	5	0.335	2,300	3.2	5
POL1-H3-22-27-230-OL	70100146802	Oval, monofil	22	5	0.25	2,300	3.2	5
POL1-H3-30-27-230-OL	70100146803	Oval, monofil	30	5	0.25	2,300	3.2	5

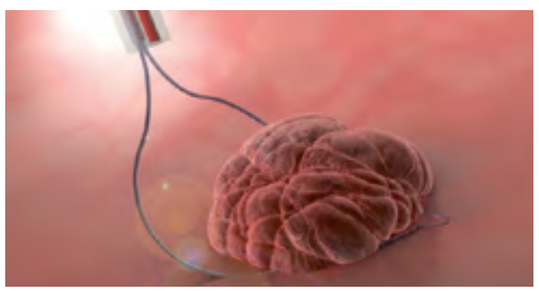


POL1-H3 / H4

Figure: POL1-H4-15-27-230-OL
Integrated injection needle, optimal for “Lift & Cut”







MANTA INJECTION NEEDLES*

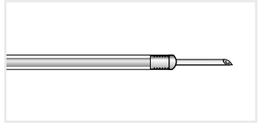
Manta ensures reliable retraction and extension of the needle, even in sharply angulated device positions, and prevents feared damage to the working channel. Maximum kink-resistance and single handed operation ease the application.

Product code	Material code	Characteristics	Ø Needle | Needle length (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
INJ1-A3-05-5-18-240	70100146666	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 (25 Gauge) | 5	2,400	2.0	5
INJ1-A3-07-5-18-240	70100146657	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 (23 Gauge) | 5	2,400	2.0	5

INJ1-A3

ICUS INJECTION NEEDLES*

Product code	Material code	Characteristics	Ø Needle | Needle length (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
INJ1-A1-05-5-18-180	70100146672	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 | 5	1,800	2.0	10
INJ1-A1-07-5-18-180	70100146611	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 5	1,800	2.0	10



INJ1-A1

* Manufactured by FUJIFILM medwork GmbH, Germany.

ICUS² INJECTION NEEDLES*

Product code	Material code	Characteristics	Ø Needle | Needle length (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
INJ1-A2-05-3-23-230	70100147786	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 | 3	2,300	2.8	10
INJ1-A2-05-4-23-180	70100146693	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 | 4	1,800	2.8	10
INJ1-A2-05-4-23-230	70100146549	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 | 4	2,300	2.8	10
INJ1-A2-07-3-23-230	70100147814	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 3	2,300	2.8	10
INJ1-A2-07-4-23-180	70100146614	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 4	1,800	2.8	10
INJ1-A2-07-4-23-230	70100146671	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 4	2,300	2.8	10
INJ1-A2-07-5-23-180	70100146665	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 5	1,800	2.8	10
INJ1-A2-07-5-23-230	70100146615	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 5	2,300	2.8	10
INJ1-A2-09-5-23-180	70100146554	Latching mechanism, distal needle guide, suitable with Histoacryl	0.9 | 5	1,800	2.8	10
INJ1-A2-09-5-23-230	70100146598	Latching mechanism, distal needle guide, suitable with Histoacryl	0.9 | 5	2,300	2.8	10

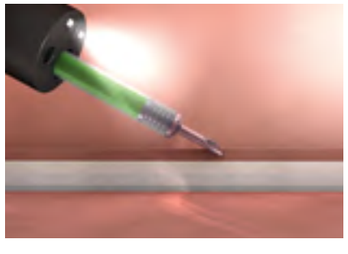
INJ1-A2

Figure: INJ1-A2-05-3-23-230

20% reduction** in friction for precision puncture

80% less effort** when administering injections

20% easier** piercing



* Manufactured by FUJIFILM medwork GmbH, Germany.
** Compared to previous injection needles.

OCTOPUS

High volume

There is no escape: The OCTOPUS retrieval net takes on polyps and foreign bodies. The sturdy structure of the frame ensures reliable removal.

Versatility in use, it can be used for several foreign bodies – due to its reservoir function. Direct rotatability and a high degree of flexibility facilitate the process.

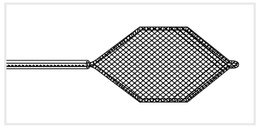
FOR POLYPS & FOREIGN BODIES

STABLE FRAMED NET

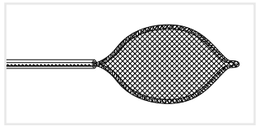
DIRECT ROTATABILITY*

OCTOPUS FOREIGN BODY RETRIEVAL NET*

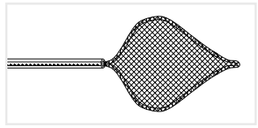
Product code	Material code	Characteristics	Volume (cm^3)	Length (mm)	Ø Instrument channel (mm)	Unit
FOR1-N1-20-180	70100146681	Hexagonal, framed, paediatric	3	1,800	2.0	5
FOR1-N1-30-220	70100146563	Oval, framed	6	2,200	2.8	5
FOR1-N1-40-220	70100146682	Reservoir function, framed	8	2,200	2.8	5
FOR1-N2-30-220	70100146654	Kite, framed	6	2,200	2.8	5
FOR1-N3-30-220	70100146607	Kite, framed, rotatable	6	2,200	2.8	5



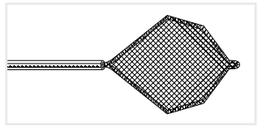
FOR1-N1-20



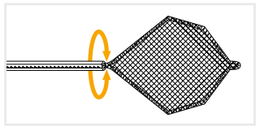
FOR1-N1-30



FOR1-N1-40



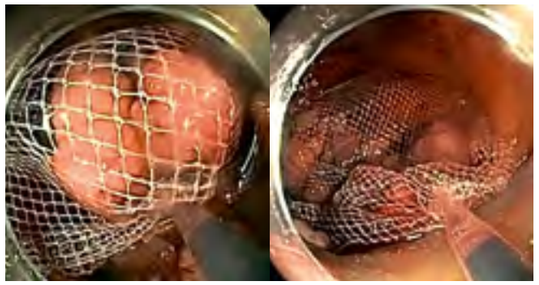
FOR1-N2-30



FOR1-N3-30

Supporting save foreign body retrievals

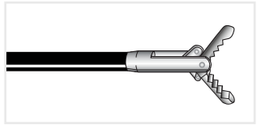
Owing to a new reservoir design OCTOPUS enables easy and reliable recovery of multiple objects simultaneously. Whereby 1:1 rotatability facilitates manoeuvring during foreign body recovery. The extremely sturdy net reliably maintains its position and does not slip.



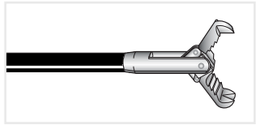
* Manufactured by FUJIFILM medwork GmbH, Germany.

FOREIGN BODY FORCEPS*

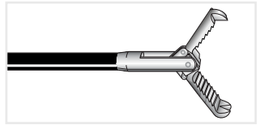
Product code	Material code	Characteristics	Opening width (mm)	Ø Tube (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
FOR1-A1-23-230	70100146637	Alligator, metal spring, coated	9	2.3	2,300	2.8	5
FOR1-A2-23-230	70100146653	Hybrid jaw configuration alligator/ rat tooth, metal spring, coated	9	2.3	2,300	2.8	10
FOR1-A2-23-260	70100146565	Hybrid jaw configuration alligator/ rat tooth,metal spring, coated balloon enteroscopy	8	2.3	2,300	2.8	5
FOR1-P1-18-230	70100146585	Pelican, coated, paediatric	9	1.8	2,300	2.0	5
FOR1-P1-23-230	70100146638	Pelican, coated	15.5	2.3	2,300	2.8	5
FOR1-H3-23-230	70100146566	Three-arm grasping forceps, PTFE catheter		2.3	2,300	2.8	5



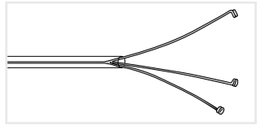
FOR1-A1



FOR1-A2



FOR1-P1

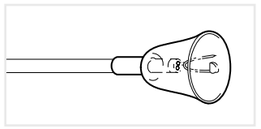


FOR1-H3

FOREIGN BODY PROTECTION CAP**

THIRD PARTY PRODUCT

Product code	Material code	Characteristics	Unit
WS0420000	70100146961	Foreign body protection cap	10



WS0420000

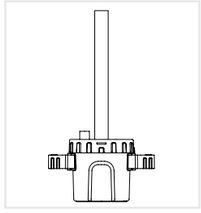
Regional availability may vary, please contact your local distribution partner for further information.

* Manufactured by FUJIFILM medwork GmbH, Germany.
** Manufactured by Prince Medical SAS, France.

KOALA POLYP TRAPS*

The two removable strainers of the koala polyp trap facilitate easy removal of tissue specimens and therefore protect against contamination with biomaterial. The suction function is limitless throughout the procedure.

Product code	Material code	Characteristics	Unit
TRP1-S2	70100147772	2 integrated strainers, white	25
TRP1-S4	70100149546	2 integrated strainers, white / 2 additional strainers, grey	25



TRP1-S2 / S4

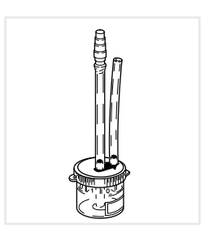
Strainer

Minimised contamination risk
On account of the two chambers of the Koala it is no longer necessary to deposit a contaminated strainer outside the system. That reduces contamination with biomaterial, and hence the infection risk.

POLYP TRAPS**

THIRD PARTY PRODUCT

Product code	Material code	Characteristics	Unit
MIS1-POLYPTRAP	70100146707	4 chambers, connecting tubes to suction pump/endoscope	10
MIS1-POLYPTRAP50	70100146556	4 chambers, connecting tubes to suction pump/endoscope	50

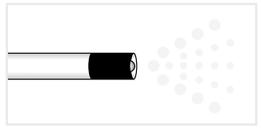


MIS1-Polyptrap

* Manufactured by FUJIFILM medwork GmbH, Germany.
** Manufactured by PPI Médical, France.

SPRAY CATHETER*

Product code	Material code	Characteristics	Length (mm)	Ø Instrument channel (mm)	Unit
SPE1-C6-18-220	70100146735	Spray catheter	2,200	2.0	10

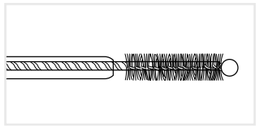


SPE1-C6

CYTOLOGY BRUSHES*

THIRD PARTY PRODUCT

Product code	Material code	Characteristics	Ø Brush (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
WS0373016	70100146972	Gastroscopy, handle, 1 lumen, distal protection ball	3.0	1,600	2.8	5
WS0373022	70100146980	Colonoscopy, handle, 1 lumen, distal protection ball	3.0	2,200	2.8	5



WS03

PURASTAT HAEMOSTAT

THIRD PARTY PRODUCT

PuraStat is a slightly viscous peptide solution which is approved to manage intraprocedural bleeding and reduce delayed bleeding (following ESD in the colon). When in contact with physiological fluids, the synthetic peptides self-assemble into a 3-dimensional matrix, resulting in effective haemostasis. PuraStat comes in a ready-to-use syringe. It is transparent, can be left in place and is suitable for use alongside other modalities, including coagulation and clips.

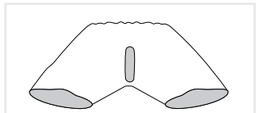
Product code	Material code	Characteristics	Unit
PURASTAT 1 ml 621-043 DE**	70100165774	Haemostatic gel 1 ml syringe	1
PURASTAT 3 ml 621-044 DE**	70100165772	Haemostatic gel 3 ml syringe	1
PURASTAT 5 ml 621-045 DE**	70100165773	Haemostatic gel 5 ml syringe	1
PURASTAT 1 ml 621-073	70100166745	Haemostatic gel 1 ml syringe	1
PURASTAT 3 ml 621-074	70100166746	Haemostatic gel 3 ml syringe	1
PURASTAT 5 ml 621-075	70100166752	Haemostatic gel 5 ml syringe	1
PURASTAT Nozzle System Type-E	70100145376	Haemostatic gel catheter	5

Regional availability may vary, please contact your local distribution partner for further information.
PuraStat is a trademark for 3-D Matrix.

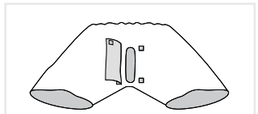
* Manufactured by FUJIFILM medwork GmbH, Germany.

COLONOSCOPY EXAMINATION PANTS**

Product code	Material code	Characteristics	Unit
MIS1-Colo-Pants1	70100146618	Colonoscopy examination pants, dark blue, fleece, including elastic, slit, Bermuda (width 61 cm/length 65 cm)	100
MIS1-Colo-Pants	70100146617	Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 70 cm/length 60 cm)	100
MIS1-Colo-Pants-XXL	70100146555	Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 85 cm/length 70 cm)	10



MIS1-Pants1



MIS1-Pants / Pants-XXL

* Manufactured by Prince Medical SAS, France.
** Manufactured by FUJIFILM medwork GmbH, Germany.

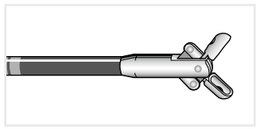
BIOPSY

Biopsy Forceps 90

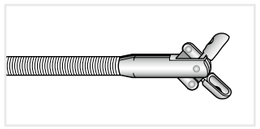
ENDOBITE² BIOPSY FORCEPS*

EndoBite² with mono pull wire ensures large sizes of sample material ideal for histological assessment because the cut surfaces are completely closed, even if the position of the endoscope is challenging. The mono pull wire prevents the branches from tilting and thus protects the working channel against wear and damage.

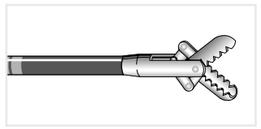
Product code	Material code	Characteristics	Ø Jaws (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
BIO1-C4-18-180	70100146647	Oval jaws, coated, paediatrics	1.8	1,800	2.0	10
BIO1-C4-18-260	70100146662	Oval jaws, coated, balloon enteroscopy	1.8	2,600	2.0	10
BIO1-C4-23-180	70100146574	Oval jaws, mono pull wire, coated	2.3	1,800	2.8	10
BIO1-C4-23-230	70100146678	Oval jaws, mono pull wire, coated	2.3	2,300	2.8	10
BIO1-D4-23-180	70100146552	Oval jaws, mono pull wire, coated, spike	2.3	1,800	2.8	10
BIO1-D4-23-230	70100146593	Oval jaws, mono pull wire, coated, spike	2.3	2,300	2.8	10
BIO1-C3-23-180	70100146705	Oval jaws, mono pull wire	2.3	1,800	2.8	10
BIO1-C3-23-230	70100146591	Oval jaws, mono pull wire	2.3	2,300	2.8	10
BIO1-D3-23-180	70100146645	Oval jaws, mono pull wire, spike	2.3	1,800	2.8	10
BIO1-D3-23-230	70100146592	Oval jaws, mono pull wire, spike	2.3	2,300	2.8	10
BIO1-G4-23-180	70100146575	Alligator, mono pull wire, coated	2.3	1,800	2.8	10
BIO1-G4-23-230	70100146557	Alligator, mono pull wire, coated	2.3	2,300	2.8	10
BIO1-H4-23-180	70100146679	Alligator, mono pull wire, coated, spike	2.3	1,800	2.8	10
BIO1-H4-23-230	70100149148	Alligator, mono pull wire, coated, spike	2.3	2,300	2.8	10



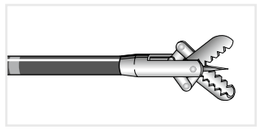
BIO1-C4



BIO1-C3



BIO1-G4

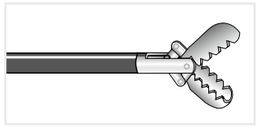


BIO1-H4

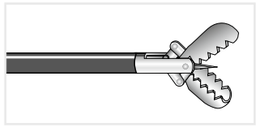
MACRO BIOPSY FORCEPS**

THIRD PARTY PRODUCT

Product code	Material code	Characteristics	Ø Jaws (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
AMHBFJ2.8*2300	70100146977	Alligator, mono pull wire, coated, macro forceps	2.8	2,300	3.2	10
AMHBFK2.8*2300	70100146955	Alligator, mono pull wire, coated, macro forceps, spike	2.8	2,300	3.2	10



AMHBFJ2



AMHBFK2

* Manufactured by FUJIFILM medwork GmbH, Germany.
** Manufactured by Anrei medical (hz)co.,ltd., China.

FOREIGN BODY

OCTOPUS | FLAMINGO

Foreign Body Retrieval Nets 92
Foreign Body Forceps 94
Foreign Body Protection Cap 94
Buried Bumper Therapy 96

OCTOPUS

High volume

There is no escape: The OCTOPUS retrieval net takes on polyps and foreign bodies. The sturdy structure of the frame ensures reliable removal.

Versatility in use, it can be used for several foreign bodies – due to its reservoir function. Direct rotatability and a high degree of flexibility facilitate the process.

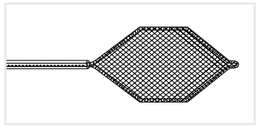
FOR POLYPS & FOREIGN BODIES

STABLE FRAMED NET

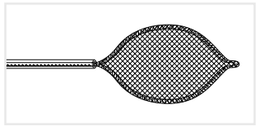
DIRECT ROTATABILITY*

OCTOPUS FOREIGN BODY RETRIEVAL NET*

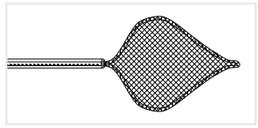
Product code	Material code	Characteristics	Volume (cm^3)	Length (mm)	Ø Instrument channel (mm)	Unit
FOR1-N1-20-180	70100146681	Hexagonal, framed, paediatric	3	1,800	2.0	5
FOR1-N1-30-220	70100146563	Oval, framed	6	2,200	2.8	5
FOR1-N1-40-220	70100146682	Reservoir function, framed	8	2,200	2.8	5
FOR1-N2-30-220	70100146654	Kite, framed	6	2,200	2.8	5
FOR1-N3-30-220	70100146607	Kite, framed, rotatable	6	2,200	2.8	5



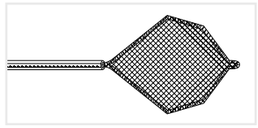
FOR1-N1-20



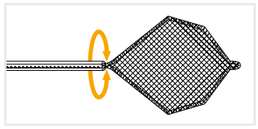
FOR1-N1-30



FOR1-N1-40



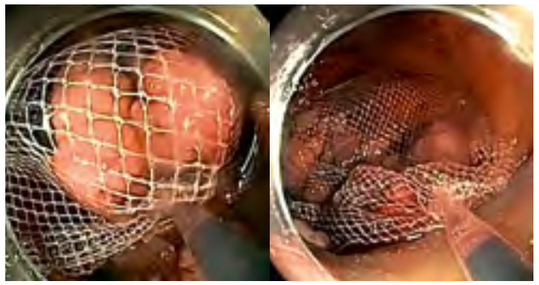
FOR1-N2-30



FOR1-N3-30

Supporting save foreign body retrievals

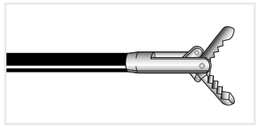
Owing to a new reservoir design OCTOPUS enables easy and reliable recovery of multiple objects simultaneously. Whereby 1:1 rotatability facilitates manoeuvring during foreign body recovery. The extremely sturdy net reliably maintains its position and does not slip.



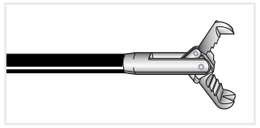
* Manufactured by FUJIFILM medwork GmbH, Germany.

FOREIGN BODY FORCEPS*

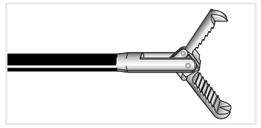
Product code	Material code	Characteristics	Opening width (mm)	Ø Tube (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
FOR1-A1-23-230	70100146637	Alligator, metal spring, coated	9	2.3	2,300	2.8	5
FOR1-A2-23-230	70100146653	Hybrid jaw configuration alligator/ rat tooth, metal spring, coated	9	2.3	2,300	2.8	10
FOR1-A2-23-260	70100146565	Hybrid jaw configuration alligator/ rat tooth, metal spring, coated balloon enteroscopy	8	2.3	2,300	2.8	5
FOR1-P1-18-230	70100146585	Pelican, coated, paediatric	9	1.8	2,300	2.0	5
FOR1-P1-23-230	70100146638	Pelican, coated	15.5	2.3	2,300	2.8	5
FOR1-H3-23-230	70100146566	Three-arm grasping forceps, PTFE catheter		2.3	2,300	2.8	5



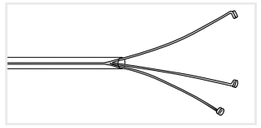
FOR1-A1



FOR1-A2



FOR1-P1

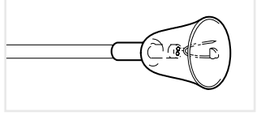


FOR1-H3

FOREIGN BODY PROTECTION CAP**

THIRD PARTY PRODUCT

Product code	Material code	Characteristics	Unit
WS0420000	70100146961	Foreign body protection cap	10

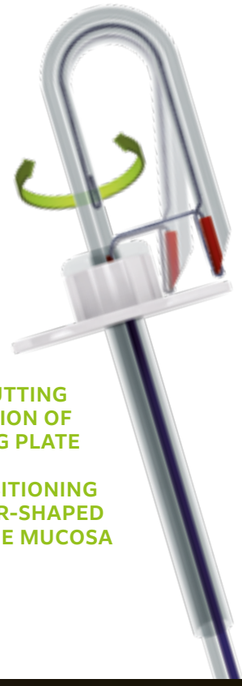


WS0420000

Regional availability may vary, please contact your local distribution partner for further information.

* Manufactured by FUJIFILM medwork GmbH, Germany.
** Manufactured by Prince Medical SAS, France.

FLAMINGO



MULTIDIMENSIONAL CUTTING FOR PRECISE EXCISION OF THE RETAINING PLATE

ACCURATE POSITIONING FACILITATES THE STAR-SHAPED INCISION OF THE MUCOSA

CO-INVENTED BY PROF. DORMANN

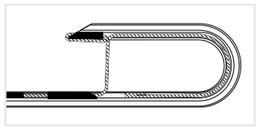
Complete flexibility

Inspired by nature, extremly versatile and effective: The FLAMINGO kit – a system to meet the therapeutic challenges of the buried bumper syndrome. A simple yet precise excision of the PEG´s retaining plate, thanks to the unique cutting wire design, which allows multidimensional cutting.

"The FLAMINGO kit has been uniquely designed to meet the particularly difficult circumstances of buried bumper therapy. I use the Flamingo Kit because I gain confidence over other techniques used and at the same time can significantly reduce the examination time."
Co-Inventor Prof. Dr. med. Arno Dormann, 08.02.2022

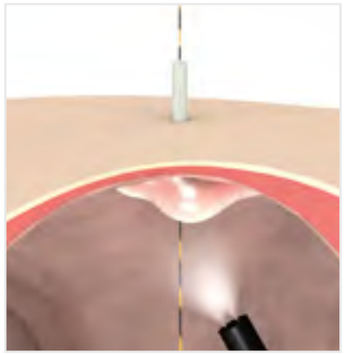
FLAMINGO KIT*

Product code	Material code	Characteristics	Cutting Length (mm)	Length (mm)	Accepted guide wire	Unit
POL3-P1-40-30-30	70100146767	1 Flamingo for 15Fr PEG probe, 2 lumen, CWT, rotatable 1 Foreign body forceps, alligator/rat tooth 1 guide wire, hydrophilic tip	6 / 10	300 2,300 1,200	.035"	1

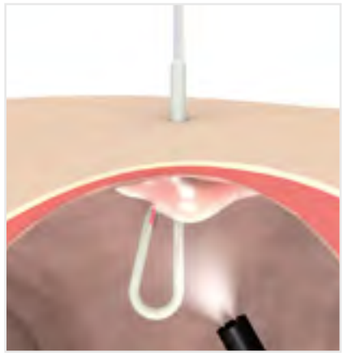


POL3-P1

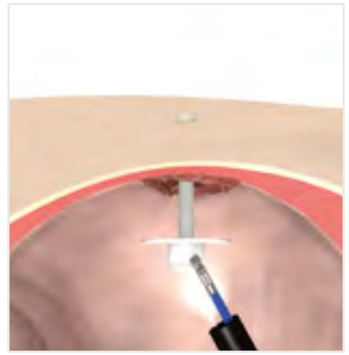
Push technique



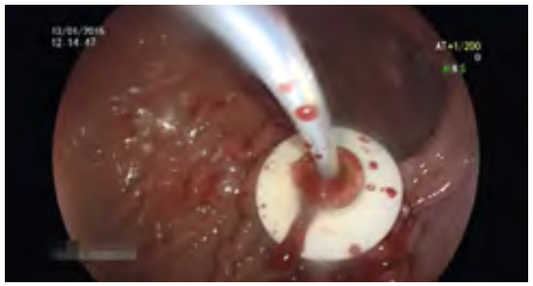
Exploration with the PEG probe using a guide wire



Cutting the PEG probe free with the FLAMINGO by making a star-shaped incision



Removal of the PEG probe from the stomach with the foreign body forceps



* Manufactured by FUJIFILM medwork GmbH, Germany.

HAEMOSTASIS & LIGATION

Injection Needles	100
Haemostat	102
Haemostasis Clips	102

MANTA INJECTION NEEDLES*

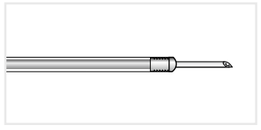
Manta ensures reliable retraction and extension of the needle, even in sharply angulated device positions, and prevents feared damage to the working channel. Maximum kink-resistance and single handed operation ease the application.

Product code	Material code	Characteristics	Ø Needle | Needle length (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
INJ1-A3-05-5-18-240	70100146666	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 (25 Gauge) | 5	2,400	2.0	5
INJ1-A3-07-5-18-240	70100146657	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 (23 Gauge) | 5	2,400	2.0	5

INJ1-A3

ICUS INJECTION NEEDLES*

Product code	Material code	Characteristics	Ø Needle | Needle length (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
INJ1-A1-05-5-18-180	70100146672	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 | 5	1,800	2.0	10
INJ1-A1-07-5-18-180	70100146611	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 5	1,800	2.0	10



INJ1-A1

* Manufactured by FUJIFILM medwork GmbH, Germany.

ICUS² INJECTION NEEDLES*

Product code	Material code	Characteristics	Ø Needle | Needle length (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
INJ1-A2-05-3-23-230	70100147786	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 | 3	2,300	2.8	10
INJ1-A2-05-4-23-180	70100146693	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 | 4	1,800	2.8	10
INJ1-A2-05-4-23-230	70100146549	Latching mechanism, distal needle guide, suitable with Histoacryl	0.5 | 4	2,300	2.8	10
INJ1-A2-07-3-23-230	70100147814	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 3	2,300	2.8	10
INJ1-A2-07-4-23-180	70100146614	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 4	1,800	2.8	10
INJ1-A2-07-4-23-230	70100146671	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 4	2,300	2.8	10
INJ1-A2-07-5-23-180	70100146665	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 5	1,800	2.8	10
INJ1-A2-07-5-23-230	70100146615	Latching mechanism, distal needle guide, suitable with Histoacryl	0.7 | 5	2,300	2.8	10
INJ1-A2-09-5-23-180	70100146554	Latching mechanism, distal needle guide, suitable with Histoacryl	0.9 | 5	1,800	2.8	10
INJ1-A2-09-5-23-230	70100146598	Latching mechanism, distal needle guide, suitable with Histoacryl	0.9 | 5	2,300	2.8	10

INJ1-A2

Figure: INJ1-A2-05-3-23-230

- 20% reduction** in friction for precision puncture
- 80% less effort** when administering injections
- 20% easier** piercing

Proven reliable needle guidance
No matter whether it is a case of injection-supported polypectomy or haemostasis, permits precise injection thanks to easier piercing behaviour and smoother functioning. In future, have confidence in proven reliable needle guidance and thereby protect your working channel.

* Manufactured by FUJIFILM medwork GmbH, Germany.
** Compared to previous injection needles.

PURASTAT HAEMOSTAT

THIRD PARTY PRODUCT

PuraStat is a slightly viscous peptide solution which is approved to manage intraprocedural bleeding and reduce delayed bleeding (following ESD in the colon). When in contact with physiological fluids, the synthetic peptides self-assemble into a 3-dimensional matrix, resulting in effective haemostasis. PuraStat comes in a ready-to-use syringe. It is transparent, can be left in place and is suitable for use alongside other modalities, including coagulation and clips.

Product code	Material code	Characteristics	Unit
PURASTAT 1 ml 621-043 DE**	70100165774	Haemostatic gel 1ml syringe	1
PURASTAT 3 ml 621-044 DE**	70100165772	Haemostatic gel 3ml syringe	1
PURASTAT 5 ml 621-045 DE**	70100165773	Haemostatic gel 5ml syringe	1
PURASTAT 1ml 621-073	70100166745	Haemostatic gel 1ml syringe	1
PURASTAT 3ml 621-074	70100166746	Haemostatic gel 3ml syringe	1
PURASTAT 5ml 621-075	70100166752	Haemostatic gel 5ml syringe	1
PURASTAT Nozzle System Type-E	70100145376	Haemostatic gel catheter	5

Regional availability may vary, please contact your local distribution partner for further information.
PuraStat is a trademark for 3-D Matrix.

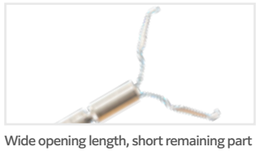
HAEMOSTASIS CLIPS*

THIRD PARTY PRODUCT

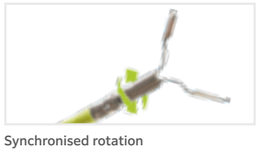
Introducing the AGS haemostasis clips designed to provide a simple solution for haemostasis and wound closure in the gastrointestinal tract.

- **Opening widths:** 9 mm, 11 mm, 13 mm and 16 mm
- **Jaw Angles:** 135° for effective bleeding control, 90° optimised for wound closure
- **Rotatable:** Allows for precise clip placement
- **Repositionable:** Open/close function
- **Removable:** The clip has a simple release mechanism for releasing the clip after placement, whether that be for temporary placement or misplacement of the clip

Product code	Material code	Characteristics	Opening width (mm)	Working length (mm)	Ø Instrument channel (mm)	Unit
AG-5108-2300-090-9	70100158091	Coated, jaw tip angle 90°	9	2,300	2.8	10
AG-5108-2300-135-9	70100158092	Coated, jaw tip angle 135°	9	2,300	2.8	10
AG-5103-2300-090	70100161926	Not coated, jaw tip angle 90°	11	2,300	2.8	10
AG-5103-2300-135	70100158089	Not coated, jaw tip angle 135°	11	2,300	2.8	10
AG-5104-2300-090	70100158090	Coated, jaw tip angle 90°	11	2,300	2.8	10
AG-5104-2300-135	70100158088	Coated, jaw tip angle 135°	11	2,300	2.8	10
AG-51018-2300-090-13	70100158093	Coated, jaw tip angle 90°	13	2,300	2.8	10
AG-51018-2300-135-13	70100158094	Coated, jaw tip angle 135°	13	2,300	2.8	25
AG-51043-2300-090-16	70100161925	Not coated, jaw tip angle 90°	16	2,300	2.8	10
AG-51043-2300-135-16	70100158097	Not coated, jaw tip angle 135°	16	2,300	2.8	25
AG-51044-2300-090-16	70100158095	Coated, jaw tip angle 90°	16	2,300	2.8	10
AG-51044-2300-135-16	70100158096	Coated, jaw tip angle 135°	16	2,300	2.8	25



Wide opening length, short remaining part



Synchronised rotation

Repositionable

Removable**

NEW RELOADABLE HAEMOSTASIS CLIPS*

THIRD PARTY PRODUCT

Product code	Material code	Characteristics	Opening width (mm)	Working length (mm)	Ø Instrument channel (mm)	Unit
AG-55501-2300-090-11	70100168104	1x pre-loaded-clip, jaw tip angle 90°	11	2,300	2.8	10
AG-55501-2300-135-11	70100168105	1x pre-loaded-clip, jaw tip angle 135°	11	2,300	2.8	10
AG-55501-2300-090-16	70100168095	1x pre-loaded-clip, jaw tip angle 90°	16	2,300	2.8	10
AG-55501-2300-135-16	70100168102	1x pre-loaded-clip, jaw tip angle 135°	16	2,300	2.8	10
AG-55501-1650-090-11	70100168098	1x pre-loaded-clip, jaw tip angle 90°	11	1,650	2.8	10
AG-55501-1650-135-11	70100168099	1x pre-loaded-clip, jaw tip angle 135°	11	1,650	2.8	10
AG-55501-1650-90-16	70100168100	1x pre-loaded-clip, jaw tip angle 90°	16	1,650	2.8	10
AG-55501-1650-135-16	70100168101	1x pre-loaded-clip, jaw tip angle 135°	16	1,650	2.8	10
AG-55503-0000-090-11	70100168097	Cartridges, jaw tip angle 90°	11			25
AG-55503-0000-135-11	70100168097	Cartridges, jaw tip angle 135°	11			25
AG-55503-0000-090-16	70100168094	Cartridges, jaw tip angle 90°	16			25
AG-55503-0000-135-16	70100168096	Cartridges, jaw tip angle 135°	16			25

Synchronised rotation

Repositionable

Easy & rapid clip exchange

Colour coded cartridges according to different opening widths

* Manufactured by Hangzhou AGS Medtech Co., LTD, China. Regional availability may vary, please contact your local distribution partner for further information.
** Select a snare dedicated to clip removal with wire diameter between 0.36 mm – 0.41 mm, closing the snare in to the groove of the clip's tail.

ANCILLARIES

Bite Blocks	106
Polyp Traps	106
Cleaning Brushes	107
Endoscope Protector	109
Biopsy Valves	110
Spraying Catheters	111
Valves	112
Miscellaneous	114

BITE BLOCKS Perfect fit, maximum protection

Product code	Material code	Characteristics	Ø Inner (mm)	Colour	Unit
BYT1-A3-20*	70100146578	Standard, with OEKO TEX® strap, latex-free	20	White	100
OXY/100**	70100164560	With oxygen supply, latex-free	21	Blue	50
MED/102**	70100164554	Without dental retention, latex-free	21	Yellow	50
MED/106/P**	70100164589	Paediatric, latex-free	16	Orange	50

BYT1-A3-20

OXY/100

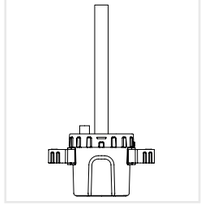
MED/102

MED/106/P

KOALA POLYP TRAPS*

The two removable strainers of the koala polyp trap facilitate easy removal of tissue specimens and therefore protect against contamination with biomaterial. The suction function is limitless throughout the procedure.

Product code	Material code	Characteristics	Unit
TRP1-S2	70100147772	2 integrated strainers, white	25
TRP1-S4	70100149546	2 integrated strainers, white / 2 additional strainers, grey	25


TRP1-S2 / S4

Strainer

Minimised contamination risk
On account of the two chambers of the Koala it is no longer necessary to deposit a contaminated strainer outside the system. That reduces contamination with biomaterial, and hence the infection risk.

POLYP TRAPS**

THIRD PARTY PRODUCT

Product code	Material code	Characteristics	Unit
MIS1-POLYPTRAP	70100146707	4 chambers, connecting tubes to suction pump/endoscope	10
MIS1-POLYPTRAP50	70100146556	4 chambers, connecting tubes to suction pump/endoscope	50

MIS1-POLYPTRAP

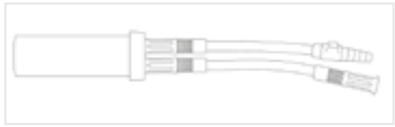
* Manufactured by FUJIFILM medwork GmbH, Germany.
** Manufactured by PPI Médical, France.

NEW

MUCUS SAMPLE CONTAINER

THIRD PARTY PRODUCT

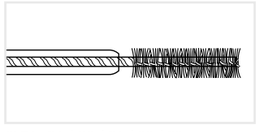
Product code	Material code	Characteristics	Colour	Unit
MST-4000***	70100164615	70ml with 11cm connection for catheter and tube	Blue	50
MST-5000***	70100164616	25ml with 9cm connection for catheter and tube	Orange	50

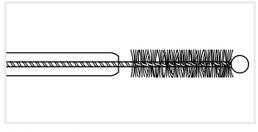

MST-4000

MST-5000

RACOON BRUSH CLEANING BRUSHES*

Product code	Material code	Characteristics	Ø Brush (mm)	Length (mm)	Ø Instrument channel (mm)	Unit
CLE1-G1-50-18-180	70100146651	For gastroscope, 1 brush	5	1,800	≥ 2.0	50
CLE1-G2-50-18-180	70100146644	For gastroscope, 2 brushes	5	1,800	≥ 2.0	50
CLE1-C1-50-18-230	70100146548	For colonoscope, 1 brush	5	2,300	≥ 2.0	50
CLE1-C1-65-18-230	70100146691	For colonoscope, 1 brush	6	2,300	≥ 2.0	50
CLE1-C2-50-18-230	70100146582	For colonoscope, 2 brushes	5	2,300	≥ 2.0	50
CLE1-C3-50-18-230	70100146595	For colonoscope, 3 brushes	5	2,300	≥ 2.0	50
CLE1-V2-012	70100147811	For endoscope valve intake	11/5	120	–	10
CLE1-V2-012-50	70100147826	For endoscope valve intake	11/5	120	–	50
CLE1-C4-18-230	70100146583	For colonoscope, 1 brush, distal protection ball	5	2,300	2.2–4.2	50
CLE1-C6-18-230	70100146706	For colonoscope, 2 brushes, distal protection ball	5	2,300	2.2–4.2	50
CLE1-D2-18-230	70100146692	For colonoscope and endoscope valve intake, 2 brushes, distal protection ball	10/5	2,300	2.2–4.2	50


CLE1- G1 / G2 / C1 / C2 / C3


CLE1-C4 / C6

CLE1-D2

CLEANING BRUSHES for gastroscopes & colonoscopes of 800 & 700 series

Product code	Material code	Where to use	Characteristics
WB7024FW	16518827	Instrument channel	Reusable
WB7025DC	16560832	Instrument channel	
WB11003FW	16518841	Cylinder port	Reusable
WB11003DV	16560820	Cylinder port	

WB7024FW

*** Manufactured by Pennine Healthcare, United Kingdom.

CLEANING BRUSHES for Gastroscopes & Colonoscopes of 600 / 580 series

Product code	Material code	Where to use	Characteristics
WB4321FW2	15910078	Instrument channel	Reusable
WB7025DC	16560832	Instrument channel	♲
WB11002FW2	15909902	Cylinder port	Reusable
WB11003DV	16560820	Cylinder port	♲

WB4321FW2

WB7025DC

WB11003DV

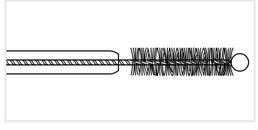
CLEANING BRUSHES for Double-Balloon Endoscopes

Product code	Material code	Characteristics	Where to use	Suitable for
WB4324FW2	16406921	Reusable	Instrument channel	EN-580T/XP
WB7025DC	16560832	♲	Instrument channel	EN-580T/XP
WB11002FW2	15909902	Reusable	Cylinder port	EN-580T/XP
WB11003DV	16560820	♲	Cylinder port	EN-580T/XP
WB7024FW	16518827	Reusable	Instrument channel	EI-580BT
WB11003FW	16518841	Reusable	Cylinder port	EI-580BT

WB4324FW2

CLEANING BRUSHES* Colonoscope Kit ♲

Product code	Material code	Characteristics	Ø Instrument channel (mm)	Unit
CLE1-KIT2-COLO	70100147806	Colonoscope kit consisting of: 1 CLE1-C6-18-230 For colonoscope, 2 brushes, distal protection ball 1 CLE1-V2-012 For endoscope valve intake	2.2 – 4.2	50



CLE1-C6

CLE1-V2

* Manufactured by FUJIFILM medwork GmbH, Germany.

SHEPHERD ENDOSCOPE PROTECTOR* ♲

Product code	Material code	Characteristics	Ø Inner (mm)	Ø Outer (mm)	Length (mm)	Unit
SHP1-U1	70100147808	Endoscope protector in red, white, blue, green	4–10	37	140	50

SHP1-U1

* Manufactured by FUJIFILM medwork GmbH, Germany.

FROG

OPTIMISED TIGHTNESS

EASY TO OPEN AND CLOSE

LESS FRICTION

Protects and seals tight

Grips as tight as a frog's suction pad: the novel FROG Biopsy Valve seals especially tight, yet remains easy to open and close. Less friction allows quicker and less complicated insertion of instruments. Supplied in a practical, space saving dispenser with mounting option.

FROG BIOPSY VALVES*

Product code	Material code	Characteristics	Unit
VAL1-F1-100	70100146824	For Fujifilm and Olympus endoscopes	100
VAL1-P1-100	70100146810	For Pentax endoscopes	100

VAL1-F1 / P1

SPRAY CATHETER*

Product code	Material code	Characteristics	Length (mm)	Ø Instrument channel (mm)	Unit
SPE1-C6-18-220	70100146735	Spray catheter	2,200	2.0	10

SPE1-C6

* Manufactured by FUJIFILM medwork GmbH, Germany.

JAZZ VALVE KIT

Playfully easy

When speed is essential you want the complete endoscope valve kit at hand in an instant. One packaging unit contains: Air/water valve, suction valve and biopsy valve.

PROTECTION AGAINST INFECTION AND CROSS CONTAMINATION

NO RISKS INDUCED BY CLEANING, DRYING AND STORAGE

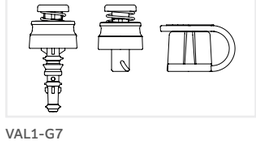
FAST AND RELIABLE PATIENT DOCUMENTATION DUE TO ADDITIONAL PRODUCT LABEL

PERFECT VALVE OPERATION EVERY TIME

REDUCING TIME AND EFFORT

JAZZ ENDOSCOPE VALVE KIT* for 700 series

Product code	Material code	Characteristics	Compatible endoscope	Unit
VAL1-G7-50	70100146737	Disposable endoscope valve kit, consisting of air/water valve, suction valve and biopsy valve FROG	Fujifilm 700 series with G7 grip	50
VAL1-G7-4-50	70100160979	Disposable endoscope valve kit, consisting of air/water valve, suction valve, biopsy valve FROG and Jet Connector	Fujifilm 700 series with G7 grip	50



VAL1-G7

VAL1-G7-4

Traceability
Fast and reliable patient documentation due to additional self-adhesive label with product data.

VALVES & ADAPTERS for Fujifilm

	Product code	Material code	Description	Characteristics	Compatible endoscope	Unit
NEW	AWV-KIT-07-FJ	70100165653	Air/water cleaning valve (not sterile)	Single-use	Fujifilm endoscopes with G5 / G7 grip	100
	SB-605	16518762	Suction valve	Reusable	Fujifilm endoscopes with G7 grip	2
	AW-603	16518748	Air/Water valve	Reusable	Fujifilm endoscopes with G7 grip	2
	AW-604G	16578267	Gas/Water valve	Reusable	Fujifilm endoscopes with G7 grip	1
NEW	ADA-JC-FJ**	70100165663	Water jet channel adapter, individually sterile packed with integrated check valve		Fujifilm endoscopes with G5/G7 grip	100
NEW	ADA-CO2-FJ**	70100165678	CO_2 adapter for Fujifilm CO_2 insufflator, individually sterile packed	24 hours use	GW-100	100
	FV-001	16632659	Forceps valve	Single-use	Fujifilm endoscopes with G5/G7 grip	10
NEW	AWV-KIT-03-FJ**	70100165660	Endoscope valve kit	Biopsy valve, air/water valve, suction valve, single-use	Fujifilm 500/600 series	25
	AWV-KIT-17-FJ**	70100165655	Endoscope valve kit	Aair/water cleaning valve (not sterile), single-use	Fujifilm 500/600 series	100

* Manufactured by FUJIFILM medwork GmbH, Germany.
** Manufactured by BODY PRODUCTS RELAX Pharma und Kosmetik GmbH, Germany

VALVES & ADAPTERS for other manufacturers

Product code	Material code	Description	Characteristics	Compatible endoscope	Unit
NEW AWV-KIT-02-OLY**	70100165668	Endoscope valve kit	Biopsy valve, air/water valve, suction valve, single-use	Olympus endoscopes from 140 series	25
NEW AWV-KIT-04-OLY**	70100165670	Endoscope valve kit	Biopsy valve, air/water valve, suction valve, cleaning valve, single-use	Olympus endoscopes from 140 series	25
NEW AWV-KIT-05-OLY**	70100165677	Endoscope valve kit	Biopsy valve, air/water valve, suction valve, air/water cleaning valve, water jet channel adapter	Olympus endoscopes from 140 series	25
NEW AWV-KIT-02-PX**	70100165652	Endoscope valve kit	Biopsy valve, air/water valve, suction valve	90K/90I, K10/I10/I10C, J10 (GI)	25
VAL1-F1-100*	70100146824	FROG biopsy valve	Single-use	Fujifilm and Olympus endoscopes	
VAL1-P1-100*	70100146810	FROG biopsy valve	Single-use	Pentax endoscopes	100
NEW ADA-JC-OUS**	70100165654	Water jet channel adapter, individually sterile packed with integrated check valve		Olympus endoscopes	10
ADA-CO2-OUS**	70100165679	CO_2 adapter for Olympus CO_2 insufflator, individually sterile packed	24-hour use	Olympus CO_2 insufflator	25

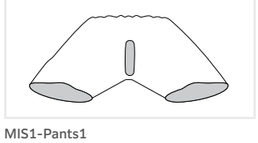
PRODUCT CLIP*

Product code	Material code	Characteristics	Unit
MIS2-PRO-CLIP	70100147813	Reusable product clip for fixation and reprocessing of flexible accessories, autoclavable up to 134° C, opening width 0 –10 mm	20

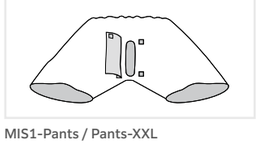
MIS2-Pro-Clip

COLONOSCOPY EXAMINATION PANTS*

Product code	Material code	Characteristics	Unit
MIS1-Colo-Pants	70100146617	Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 70 cm/length 60 cm)	100
MIS1-Colo-Pants1	70100146618	Colonoscopy examination pants, dark blue, fleece, including elastic, slit, Bermuda (width 61 cm/length 65 cm)	100
MIS1-Colo-Pants-XXL	70100146555	Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 85 cm/length 70 cm)	10



MIS1-Pants1



MIS1-Pants / Pants-XXL

* Manufactured by FUJIFILM medwork GmbH, Germany.
** Manufactured by BODY PRODUCTS RELAX Pharma und Kosmetik GmbH, Germany

NEW TUBINGS for Fresenius & B. Braun water bottles*

THIRD PARTY PRODUCT

Product code	Material code	Characteristics	Unit
WB-HYB-FJ4	70100165661	HybriX EcoFlushCap waterbottle cap with CO_2 tubing system and twin irrigation tube for Fujifilm 500/600 series, includes CO_2 adapter	10
WB-HYB-FJ5	70100165669	HybriX EcoFlushCap waterbottle cap with CO_2 tubing system and twin irrigation tube for Fujifilm 700 series, includes CO_2 adapter	10
WB-FJ4-WC2	70100165659	EcoFlushCap waterbottle cap with 1,1 m CO_2 tubing system for Fujifilm 500/600 series, includes CO_2 adapter	15
WB-FJ5-WC2	70100165667	EcoFlushCap waterbottle cap with 1,1 m CO_2 tubing system for Fujifilm 700 series, includes CO_2 adapter	15
WB-FJ7-WC2	70100165665	Twin EcoFlushCap, 24 hour use for Fujifilm 500/600/700 series, includes CO_2 adapter	10
WB-OL4-WC2	70100165649	EcoFlushCap waterbottle cap with 1,1 m CO_2 tubing system for Olympus endoscopes	15
WB-PX5-WC2	70100165666	EcoFlushCap waterbottle cap with 1,1 m CO_2 tubing system for Pentax endoscopes	15
IT-ETS-210	70100165673	Flushing tube with 2 male Luer-Lock connections and check valve, 24 hour use	15
IT-OUS-210	70100165657	Flushing tubewith cap for flushing pumps, jet channel connector including check valve, for use with Fresenius and Braun (500 & 1000 ml) water bottles, 24 hour use	15
WB-HYB-OL4	70100165662	HybriX EcoFlushCap waterbottle cap with CO_2 tubing system and twin irrigation tube for Olympus endoscopes	10
WB-HYB-PX5	70100165672	HybriX EcoFlushCap waterbottle cap with CO_2 tubing system and twin irrigation tube for Pentax endoscopes	10

* Manufactured by BODY PRODUCTS RELAX Pharma und Kosmetik GmbH, Germany

OVERTUBES* containing silicone rubber

Product code	Material code	Characteristics	Compatible endoscope	Unit
TS-1114B	16499887	Silicone overtube, sterile, with expiration date	EN-580XP	1
TS-1214B	16499899	Silicone overtube, sterile, with expiration date	EN-450P5/20	1
TS-1314B	164776689	Silicone overtube, sterile, with expiration date	EN-450T5, EN-580T, EN-840T	1

OVERTUBES containing natural rubber latex

Product code	Material code	Characteristics	Compatible endoscope	Unit
TS-12140	15928037	Latex overtube, sterile, with expiration date	EN-450P5/20	1
TS-13140	15928099	Latex overtube, sterile, with expiration date	EN-450T5, EN-580T, EN-840T	1
TS-13101	15928051	Latex overtube, sterile, with expiration date	EC-4550B15, EI-580BT	1

CONNECTION TUBES* for silicone overtubes

Product code	Material code	Characteristics	Compatible endoscope	Unit
TY-400	16501343	Also for PB-30; exchange once every month or once every 10 cases	450 series	1
TY-500	16501355	Also for PB-30; exchange once every month or once every 10 cases	500 series	1

CONNECTION TUBES for latex overtubes

Product code	Material code	Characteristics	Compatible endoscope	Unit
TY-04	15928283	Also for PB-20/30; exchange once every month or once every 10 cases	450 series	1
TY-06	16416598	Also for PB-20/30; exchange once every month or once every 10 cases	500 series	1

ENDOSCOPE BALLOONS for latex overtubes

Product code	Material code	Characteristics	Unit
BS-4	16476677	Contains silicone rubber; Ø 35 mm, ST-10 needed to attach, with expiration date	10 (+ 20 pcs fixing rubber)
BS-2	15920815	Contains natural rubber latex; Ø 35 mm, with expiration date	10 (+ 20 pcs fixing rubber)

BALLOON SETTING TOOLS for fixation

Product code	Material code	Unit
ST-05B	16655869	20
ST-10	16328387	1

MONITORS, PRINTERS & CARTS

EIZO | SONY | ITD

Monitors 118
Printers 119
Endoscopy Carts 120

SONY MONITORS*

THIRD PARTY PRODUCT

Model	Description	Input signal	Output signal	Dimensions WxHxD (mm)	Weight (kg)
Sony LMD-X3200MD 32"-4K-LCD 4K ULTRA HD	LED backlight with high brightness of max. 500 cd/m², high resolution of 3840 x 2160 px (4K)	HDMI ×1 Display Port x1 3G-SDI x1 incl. 1x loop out 12G-SDI x1 incl. 1x loop out DVI-D×1	SDI(BNC) ×1 Clone Out	754 × 476 × 79	11.8
Sony LMD-2735MD 27"-Full HD-LCD	LED backlight with high brightness of max. 300 cd/m², high resolution of 1920 x 1080 pixels (Full HD)	HDMI ×1 Display Port x 1 3G-SDI x1 incl. 1x loop out 12G-SDI x1 incl. 1x loop out DVI-D×1	DVI-D ×1	660 × 427 × 78	8.7
Sony LMD-2435MD 24"-Full HD-LCD	LED backlight with high brightness of max. 300 cd/m², high resolution of 1920 x 1080 pixels (Full HD)	HDMI ×1 Display Port x 1 3G-SDI x1 incl. 1x loop out 12G-SDI x1 incl. 1x loop out DVI-D×1	DVI-D ×1	572 × 376 × 78	6.7

EIZO MONITORS**

THIRD PARTY PRODUCT

Model	Description	Input signal	Output signal	Dimensions WxHxD (mm)	Weight (kg)
EIZO curatOR (UHD) EX3242 32" 4K LCD 4K ULTRA HD	LED backlight with high brightness of max. 850 cd/m², high-resolution of 3840 x 2160 px (4K), optical bonding for reduced reflections, Smart Resolution Sparse Coding (S.R.S.C.) for high-definition images and enhanced sharpness	DisplayPort (HDCP 1.3) HDMI (HDCP 2.2/1.4) BNC (12G-SDI) BNC (3G-SDI) DVI-D (HDCP 1.4)	DisplayPort BNC (12G-SDI) DVI-D	760 × 463 × 92	13.2
EIZO curatOR EX2721 27" Full HD LCD	LED backlight with high brightness of max. 900 cd/m², high-definition, full multi-modality	BNC (3G-SDI) DVI-D x 2 (HDCP 1.4) D-Sub 15 pin (mini) S-Video BNC (Composite)	BNC (3G-SDI) DVI-D, S-Video BNC (Composite)	660 x 400 x 87	8.5
EIZO EX2621-FJ 26" Full HD LCD	LED backlight with high brightness of max. 700 cd/m², high-definition, full multi-modality, displays up to three video sources simultaneously	BNC (3G-SDI) x 2 DVI-D x 2 (HDCP 1.4) D-Sub 15 pin (mini) BNC (RGB C-Sync or Component) S-Video BNC (Composite)	BNC (3G-SDI) x 2 (Composite) DVI-D BNC (RGB C-Sync or Component) S-Video BNC (Composite)	643 x 396 x 83	8.4

EIZO CURATOR EX3242:
4K RESOLUTION IN COMBINATION WITH THE ELUXEO® SYSTEM

Monitors might not be available in all countries. Please check with your local distributor.
* Manufactured by SONY Corporation, Japan.
** Manufactured by EIZO Corporation, Japan.

SONY PRINTERS*

THIRD PARTY PRODUCT

Model	Printing method	Interface	Resolution	Dimensions WxHxD (mm)	Weight (kg)
Sony UP-27MD	Dye sublimation thermal transfer	Hi-Speed USB (USB 2.0) x1	423 dpi	212 × 98 × 398	5.7
Sony UP-D25MD	Dye sublimation thermal transfer	SDI IN: BNC (x1) 3G/HD/SD-SDI SDI OUT: BNC (x1) 3G/HD/SD-SDI	423 dpi	212 × 98 × 398	5.7

Monitors might not be available in all countries. Please check with your local distributor.
* Manufactured by SONY Corporation, Japan.

Strong and reliable carts

The stable and flexible frames in different widths and heights empower enhanced procedural workflow. Used as single equipment tower, they ensure optimised space amount in surgical suites and offer maximum storage capacity.

ENDOSCOPY CARTS*

THIRD PARTY PRODUCT

Model	Material code	Dimensions (WxHxD mm)	Weight (kg)	Characteristics
ITD-03 EUS Iso Plus	70100128566	618 x 1500 x 624	approx. 85	**EUS cart** 2x endoscope hanger, 4x shelves 2,000 VA, isolating transformer with insulation monitoring function
ITD-03 Iso Plus	70100113037	540 x 1510 x 580	approx. 40	**Uni-cart sonoprobe** 3x shelves, 1x monitor stand 660 VA, isolating transformer
ITD-00 Plain Cart	70100113035	614 x 1277 x 625	approx. 70	**Classic cart** 1x endoscope hanger, 3x shelves

ITD-03 EUS Iso Plus

ITD-03 Iso Plus

COMPACT SINGLE TROLLEY

ACCOMODATES ALL DEVICES

DIFFERENT FRAMES

* Manufactured by ITD GmbH, Germany.

ENDOSCOPY CART*

THIRD PARTY PRODUCT

Model	Material code	Dimensions (WxHxD mm)	Weight (kg)	Characteristics
FUJIFLEX PC-010	70100167865	664 x 1485.5 x 699	90	230 V AC, 50 Hz, 2.000 VA, plug with protective earth pin, 10 sockets, top tray, adjustable shelf, bottom shelf, monitor arm Options: side pocket, keyboard tray, cylinder holder, hanger lock knobs, scope hanger, connector hanger

* Manufactured by FUJIFLEX Co., Japan.

SERVICE

Service & Partnership 124
Training & Education 126

OUR COMMITMENT TO SERVICE

Think globally – act locally

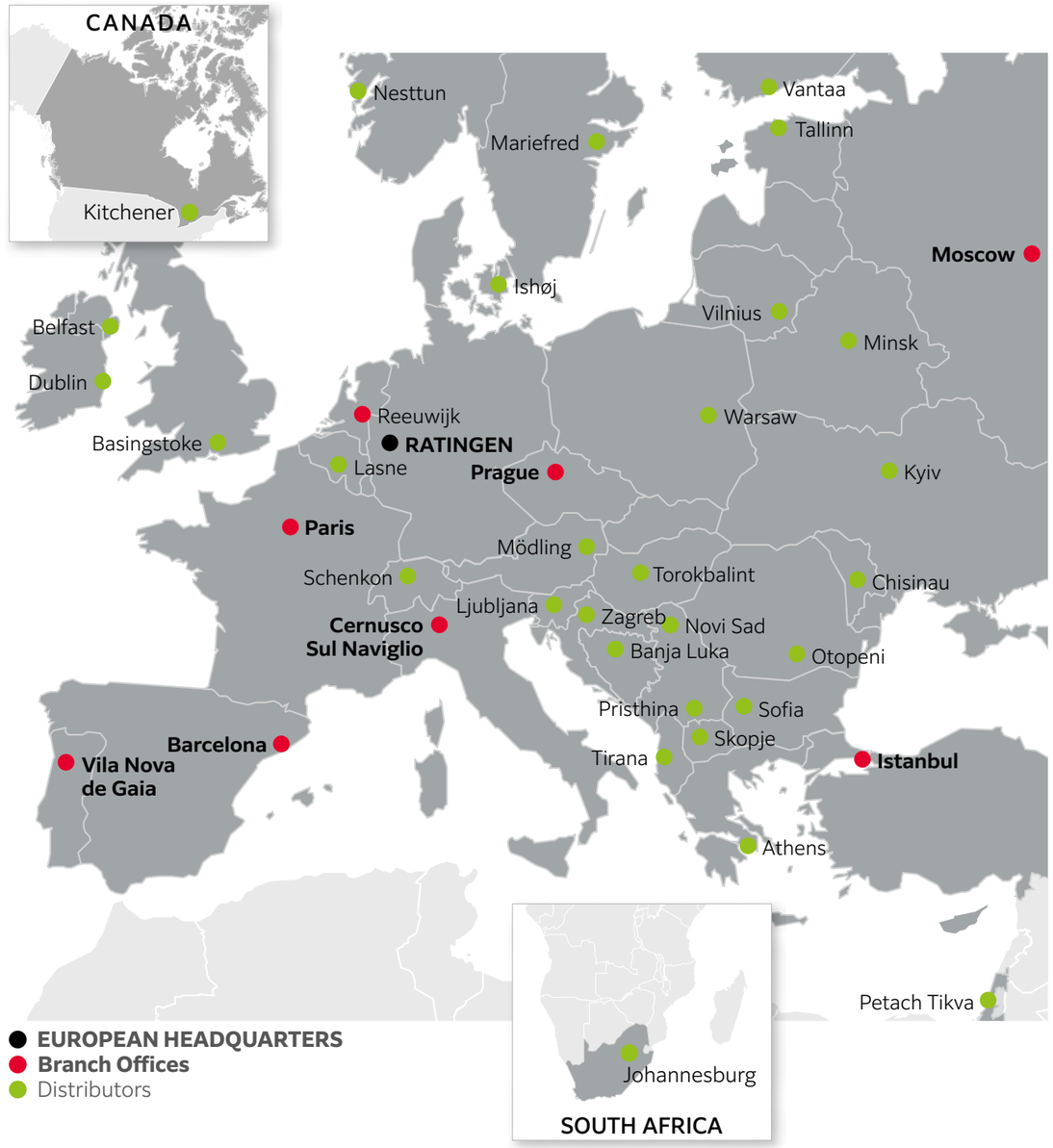
Our service strategy aims for the highest customer satisfaction by offering a comprehensive service and being close to the customers. Ten service centers with the headquarters in Willich (Germany) are spread throughout Europe and employ highly qualified in-house technicians and experts in the field,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

Our service network includes:
- Willich (GER)
- Barcelona (ES)
- Istanbul (TUR)
- Milano (ITA)
- Montigny, Toulouse (FRA)
- Porto (PT)
- Prague (CZE)
- Ross-on-Wye (UK)
- Tilburg (NL)

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

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.



OUR TRAINING OFFERS

Anytime – anywhere

One of the biggest challenges in endoscopy is the provision of training and education for healthcare professionals. To benefit endoscopy services, enhanced onsite training opportunities and greater hands-on-support from manufacturers is key.

Above all, there is a need for flexibility from the side of the manufacturers: Delivering training and education on site is of great advantage for the clinicians. Having heard the challenges faced by endoscopists, Fujifilm has developed a series of training and education courses. The latest development is the mobile service unit EndoRunner.

Mobile hub EndoRunner

The ‘EndoRunner’ is a mobile hub containing all the latest innovations in endoscopy from Fujifilm. The EndoRunner travels to hospitals and conferences across Europe to offer training and education opportunities to clinicians. It includes 3 stations and around twenty different flexible endoscopes and more than fifty different therapeutic devices for all kinds of applications.

To request a visit from the EndoRunner, get in touch at **endorunner_feg@fujifilm.com**

Further information and details about the EndoRunner tour can be found at **www.fujifilm-endorunner.com**

On-site training

Fujifilm offers hands-on trainings on a regular basis. If you are interested to join please contact for further information **endoscopy_eu@fujifilm.com**

MIKOTO NEXT GENERATION SYNTHETIC COLONOSCOPY TRAINING SIMULATOR

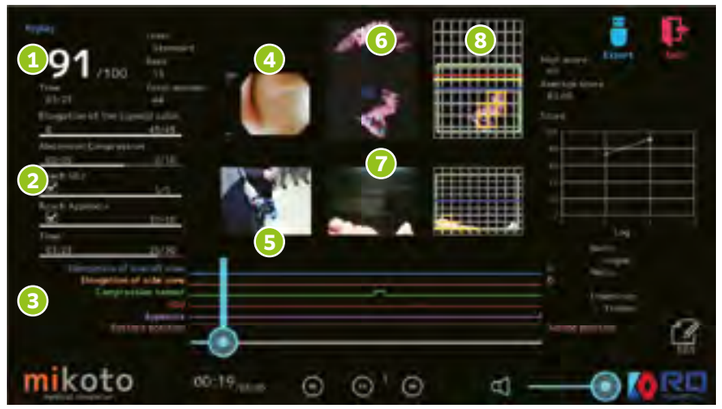
THIRD PARTY PRODUCT

The mikoto colonoscopy model is a revolutionary medical simulator designed to help doctors enhance their skills more efficiently through detailed evaluation and scoring of their procedures.

Easy to handle
- Portable size 417 × 327 x 290 mm (W x H x D), weight 8.9 kg
- Simple preparation
- No post-cleaning required

Advanced artificial model
- Realistic colon texture with simulated colonic folds
- Soft and smooth surface
- Multiple polyps inside

Automatic evaluation & recording for self-learning
- Procedure scoring
- Recording of multiple procedure metrics
- 4 levels of difficulty available



Functions showed on display
1. Score of procedure
2. Details of scores
3. Waceform graph of scores
4. Endoscopy image
5. Procedure recording image
6. Upper camera images
7. Side camera images
8. Color image analysis screen

* Manufactured by R ZERO Inc., Japan.
Regional availability may vary, please contact your local distribution partner for further information.

ENDOGEL TRAINING MODEL

THIRD PARTY PRODUCT

EndoGel offers clinicians a unique, non-biological and innovative training model for Endoscopic Submucosal Dissection (ESD) and Peroral Endoscopic Myotomy (POEM) procedures. EndoGel simulates the texture of human tissue involved in these procedures to help provide a life-like simulation.

Product code	Material code	Characteristics	Size W x L x H (mm)	Unit
ENDOGEL (for ESD)	70100156737	Incl. EndoGel pad; vinyl hose (tube); dedicated box to set up the EndoGel pad (outer box); dedicated box to put through the overtube	140 x 185 x 25	1
ENDOGEL (for ESD/POEM)	70100156736	Incl. EndoGel pad; vinyl hose (tube); dedicated box to set up the EndoGel pad (outer box); dedicated box to put through the overtube	140 x 185 x 25	1

Structure of EndoGel

ESD model

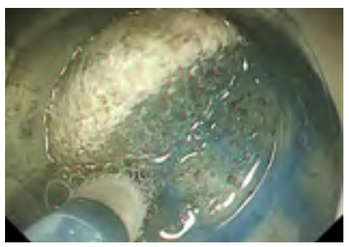
Mucosa + muscularis mucosa
Submucosa
Pattern of tunica muscularis
Tunica muscularis
Product tray

ESD / POEM model

Mucosa + muscularis mucosa
Submucosa
Pattern of tunica muscularis
Circular muscle
Longitudinal muscle
Product tray

Endoscopic image

Local injection



Submucosal dissection

Forming tunnel (POEM)

* Manufactured by Sunarrow Co.,Ltd., Japan.

FUJIFILM
Value from Innovation

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Importer
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