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# DEDICATED TO PATIENTS' QUALITY OF LIFE



# 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.

#### **HEALTHCARE**

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 seven 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

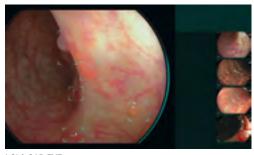


# **ADVANCED TECHNOLOGIES, EXCELLENT POSSIBILITIES**

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



BLI & Zoom



LCI & CAD EYE

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 Al-driven smart technologies for the radiology field as well as medical ultrasound and, more recently, endoscopy: CAD EYE.

CAD EYE is intended to make procedures more efficient by improving polyp detection and characterisation rates.

#### **SELECTION OF OUR TECHNOLOGIES**



#### MULTI LIGHT™ TECHNOLOGY

Illumination suitable for observation using variable LED light intensity.



#### WATER JET TECHNOLOGY

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



#### LCI TECHNOLOGY

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



#### **COLOASSIST TECHNOLOGY**

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



#### **BLI TECHNOLOGY**

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



#### **DICOM TECHNOLOGY**

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



#### CAD EYE

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



#### MULTI ZOOM TECHNOLOGY

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



#### **CMOS TECHNOLOGY**

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



#### ANTI-BLUR FUNCTION

The clearest image among multiple images is automatically selected.



#### FICE TECHNOLOGY

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



#### **CLOSE FOCUS**

Observation up to 2 mm supports diagnosis of the disease.



#### SUPER CCD TECHNOLOGY

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



#### HD TECHNOLOGY

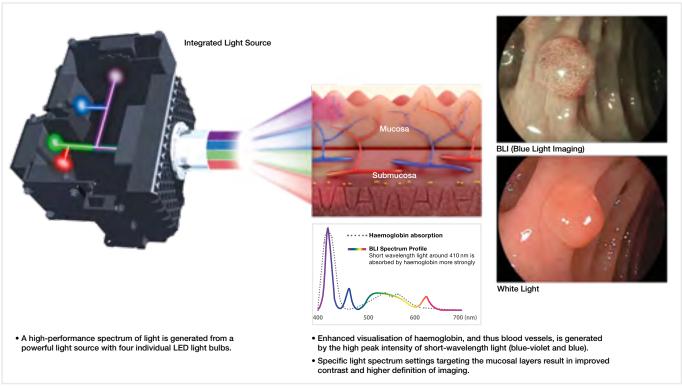
Combine equipment displaying this logo to ensure that you view HDTV images on your monitor.

#### SEE MORE. DETECT MORE. 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<sup>TM</sup> technology, fulfilling the need for improved visualisation in endoscopy – today and in the future. This illumination system meets the high brightness and contrast standards enabling the observation modes LCI and BLI. Specifically designed for this illumination system, the ELUXEO<sup>TM</sup> 700 series of endoscopes provides detailed high-resolution imaging for both diagnosis and pre-therapeutic assessment.

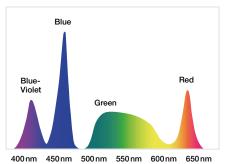
#### IMPROVED ILLUMINATION USING VARIABLE LED LIGHT INTENSITY



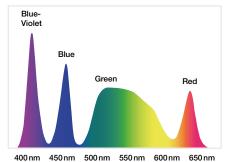
This drawing is for illustration purposes only and not a complete representation.

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

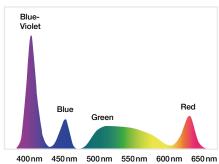
#### WHITE LIGHT IMAGING



LCI MODE



**BLI MODE** 



# LCI (LINKED COLOR IMAGING) MODE

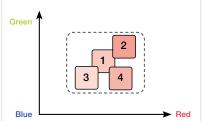
LCI differentiates the red colour spectrum more effectively than White Light Imaging thanks to its preprocess composition of light spectrum and advanced signal processing. The increased colour contrast in red colour leads to improved visibility of abnormalities, inflammation and delineation.



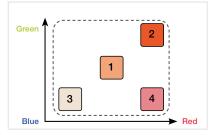
Oesophagus - White Light Imaging



Oesophagus - LCI Mode

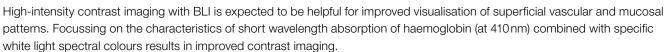


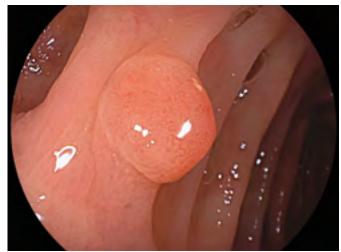
WITHOUT LCI



WITH LCI

# BLI (BLUE LIGHT IMAGING) MODE





Colon - White Light Imaging



Colon – BLI Mode

### CAD EYE - ARTIFICIAL INTELLIGENCE (CADEYE

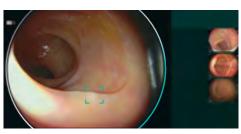
#### **DETECTION AND CHARACTERISATION SUPPORT IN THE COLON**

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<sup>TM</sup> system.



REILI Medical Al Technology

Detection & marking of polyps by CAD EYE



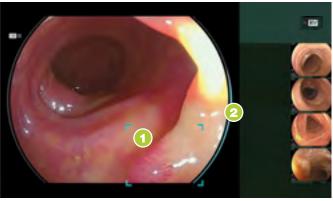


WOUNDED.

Characterisation of polyps by CAD EYE

#### **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 be simple and intuitive for excellent support during long hours in the examination room.



Detection

**▶ □ □ Detection box** 

Displays the area where the suspicious polyp is detected. Different sizes of the Detection Box are available.



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.



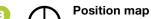
Characterisation

# ) Status bar

Indicates the status of characterisation analysis regarding the suspicious area.

## Visual Assist Circle

GREEN: Characterisation HYPERPLASTIC YELLOW: Characterisation NEOPLASTIC



Indicates the position of the suspicious area, this software is characterising.



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<sup>TM</sup> EC-760S-G/L, M colonoscope 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.





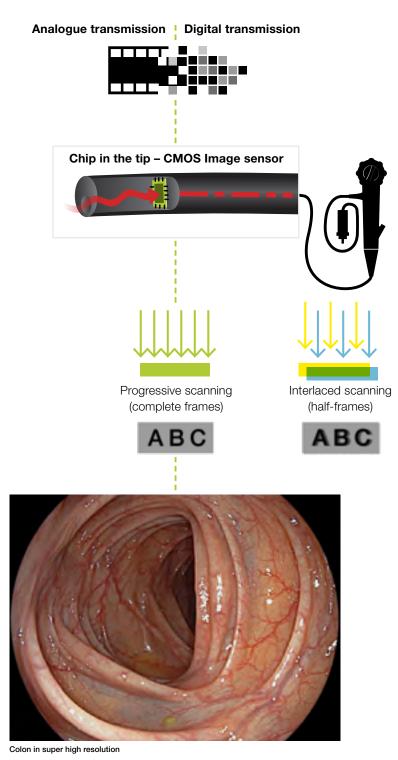


<sup>\*</sup> The endoscope shape is to be displayed on the monitor for VP-7000 by using the PoP function

# CMOS TECHNOLOGY WITH MEGAPIXEL CMOS



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 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.

blurring.

**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

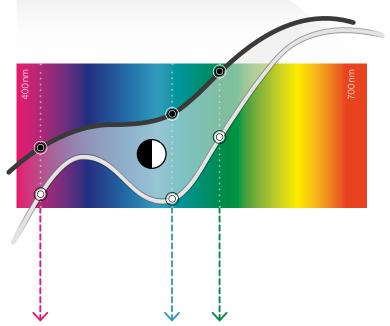


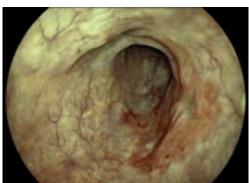
#### Better visibility for detection and diagnosis

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



**XENON endoscopy White Light image**Nearly all of the red wavelength is reflected.





FICE (Flexible Spectral Imaging Colour Enhancement)

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

# DUAL MODE Simultaneously displays a FICE image and a White Light image of

image and a White Light image on the same monitor

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



## MULTI ZOOM

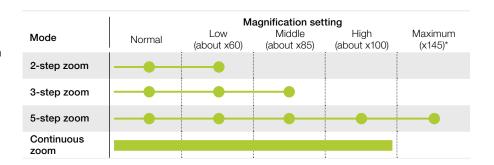


#### Optical zoom for precise focusing

Fujifilm's latest 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.



#### E-ZOOM

#### Electronic zoom provides better visibility

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

<sup>\*</sup> In combination with 26" screen.

# COLOASSIST ADJUST



#### Specifically developed for the 760 series colonoscopes

ColoAssist Adjust features the Flexibility Adjuster with different levels of stiffness as well as Advanced Force Transmission and Adaptive Bending, expected to be helpful for manoeuvrability.

#### FLEXIBILITY ADJUSTER



The stiffness of the flexible portion of the colonoscope can be easily adjusted according to your preference by turning the flexibility adjustment ring (level 0 to 3). This is expected to be helpful during intubation when passing segments such as the sigmoid colon and the transverse colon, leading the endoscope to follow the intestinal tract more smoothly.

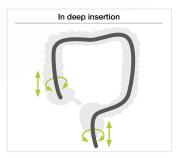




## ADVANCED FORCE TRANSMISSION



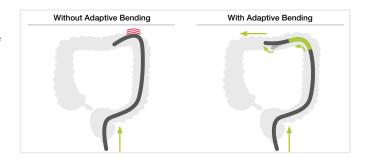
The flexible portion is designed to transmit the pushing, pulling and rotating movements from the hand to the distal end of the endoscope. It is intended to be helpful for manoeuvrability inside the digestive tract.



#### ADAPTIVE BENDING



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



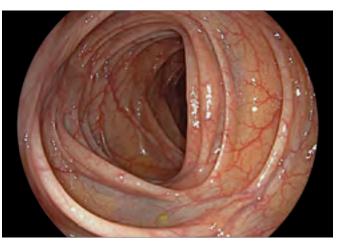
# OVER MEGAPIXEL CMOS IMAGE SENSOR CMOS TECHNOLOGY TO THE CONTROLL C





With Over Megapixel CMOS image sensor, 760, 720 and 600 series endoscopes produce high-resolution images, while the CMOS technology realises less noise and brilliant images. The CMOS image sensor can change the analogue signal to digital in the tip of the endoscope. This short transmission path reduces quality losses.



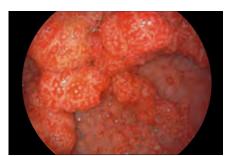


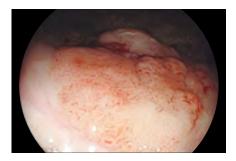
# CLOSE FOCUS ENHANCES IMAGING FOR DIAGNOSIS



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.

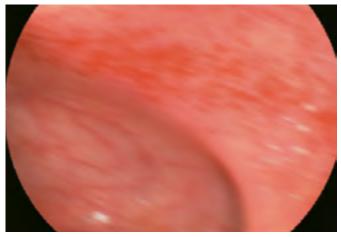






## ANTI-BLUR FUNCTION

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



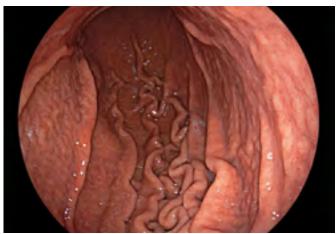
Freezing the image during the examination: High quality image sequences are stored in temporary memory and can be accessed later



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

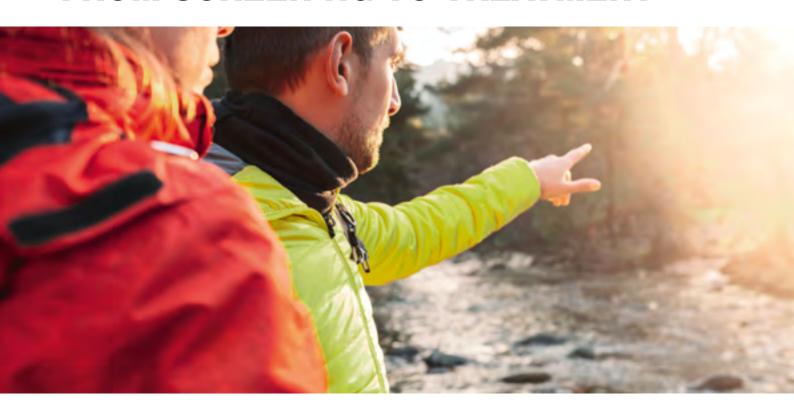


Close Focus

 $<sup>^{\</sup>star}$  Available with the 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.

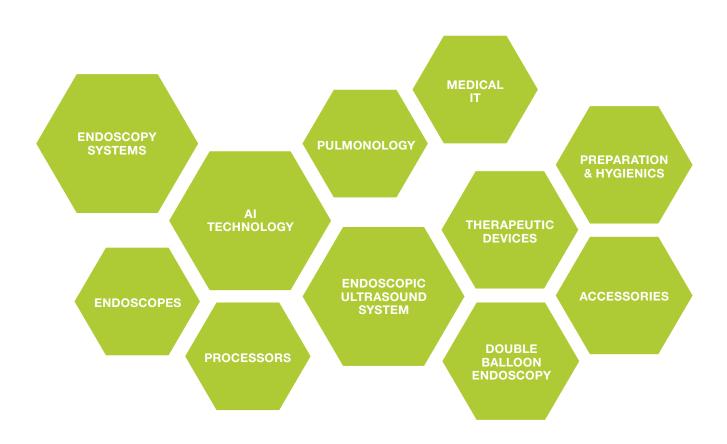
We regularly set new benchmarks, for example, with the introduction of the LED Multi Light™ technology providing the observation modes LCI and BLI, with devices for double balloon endoscopy as well as the effective Flamingo device to meet the therapeutic challenges of the buried bumpersyndrome.

#### **PRODUCT PORTFOLIO**

For diagnostic and interventional endoscopy Fujifilm is pushing the boundaries of endoscopic imaging technologies, Al 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

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.





#### A G-EYE endoscope is used throughout the examination:

- It flattens topography to detect hidden polyps.
- It stabilises the endoscope during characterisation and treatment.
- It reduces bowel slippage.

#### **STEP 1: DETECTION**



G-EYE® CADEYE



**STEP 2: CHARACTERISATION** 



G-EYE®



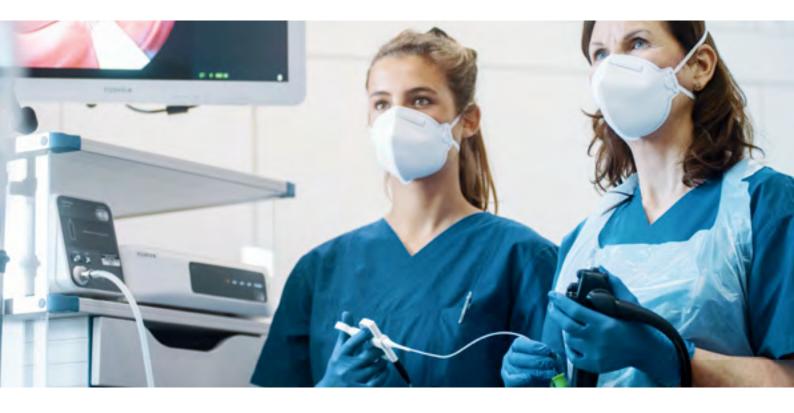


**STEP 3:** TREATMENT



G-EYE® CROSS SNARE ZERO

# **ENDOSCOPES**



ELUXEO™ | CAD EYE | G-EYE | COLOASSIST PRO

| Upper GI Endoscopy       | 24 |
|--------------------------|----|
| Double Balloon Endoscopy | 30 |
| Lower GI Endoscopy       | 34 |
| Visualisation System     | 40 |
| G-Eye                    | 42 |
| Artificial Intelligence  | 44 |

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# UPPER GI ENDOSCOPY



\* Manufactured by FUJIFILM medwork GmbH.

# ONE-STEP CONNECTOR FOR EASY PLUG-IN



The 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.

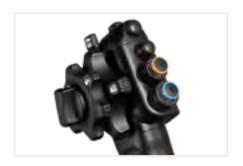


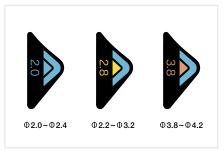


## G7 GRIP FOR COMFORT IN DAILY PRACTICE



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





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



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

# **EG-760R** *ELUXEO*™ VIDEO GASTROSCOPE Routine Type













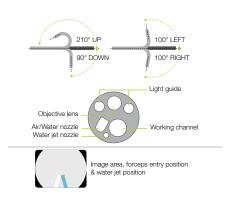




This routine gastroscope from the ELUXEO™ 760 series is equipped with CMOS technology and provides HD images and videos for daily practice. Close Focus allows observation from as little as 2 mm in depth.



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



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













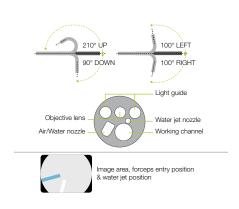




This zoom gastroscope features the well-known 145x Multi Zoom\* which leads to clear and more detailed visualisation, supporting deeper analysis of mucosal structures. It has a small bending radius and similar functionality to the routine gastroscope including all features.

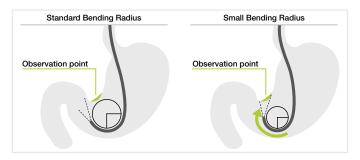


| Field of view      | Normal 140°/Close 56°                          |
|--------------------|--|
| Observation range  | 1.5-100mm<br>Normal 3-100mm<br>Close 1.5-2.5mm |
| Bending capability | Up 210°/Down 90°<br>Right 100°/Left 100°       |
| Ø Distal end       | 9.9mm  |
| Ø Flexible portion | 9.8mm  |
| Ø Working channel  | 2.8mm  |
| 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.



<sup>\*</sup> In combination with 26" screen.

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













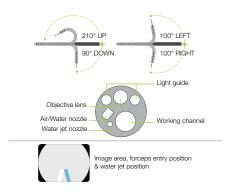




This gastroscope from the ELUXEO™ 760 series is equipped with a large 3.8 mm working channel that is especially suitable for therapeutic procedures compared to the standard gastroscope EG-760R with a working channel of 2.8 mm. In addition to therapeutic use, the gastroscope features LCI, intended to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

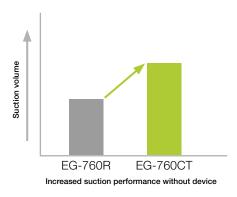


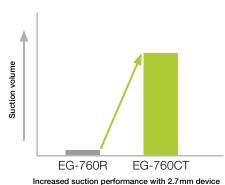
| Field of view      | 140°                                     |
|--------------------|--|
| Observation range  | 2-100 mm                                 |
| Bending capability | Up 210°/Down 90°<br>Right 100°/Left 100° |
| Ø Distal end       | 10.5 mm                                  |
| Ø Flexible portion | 10.8 mm                                  |
| Ø Working 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











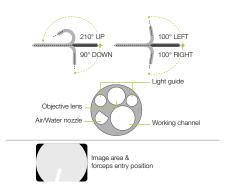




This ultra slim gastroscope with a distal end diameter of 5.8 mm is expected to be useful for narrow GI anatomy and for cases featuring stenosis. The slim distal end also supports a soft transnasal insertion and offers the potential to alleviate patients' discomfort.



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





#### EI-740D/S ELUXEO™ VIDEO GASTROSCOPE & SIGMOIDOSCOPE Dual Channel















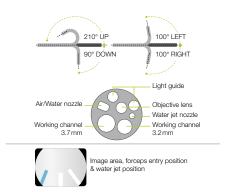




The ELUXEO™ EI-740D/S is intended for use in both the upper gastrointestinal tract and sigmoid colon and combines the former EG-530D gastroscope, and ES-530WE sigmoidoscope in one exceptional endoscope. With its two instrument channels (3.7 and 3.2 mm) and improved suction performance, it is especially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



| Field of view      | 140°                                     |
|--------------------|--|
| Observation range  | 3–100 mm                                 |
| Bending capability | Up 210°/Down 90°<br>Right 100°/Left 100° |
| Ø Distal end       | 12.8 mm                                  |
| Ø Insertion tube   | 12.8 mm                                  |
| Ø Working 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 El-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.



# **EG-720R ELUXEO** Lite VIDEO GASTROSCOPE Routine Type









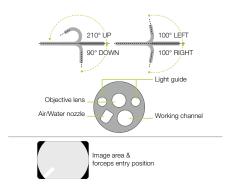








| Field of view      | 140°                                     |
|--------------------|--|
| Observation range  | 2-100 mm                                 |
| Bending capability | Up 210°/Down 90°<br>Right 100°/Left 100° |
| Ø Distal end       | 9.2 mm                                   |
| Ø Flexible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



# DOUBLE BALLOON ENDOSCOPY SYSTEM



# **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**

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

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





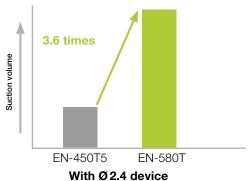


Anal insertion (small intestine)

#### Working 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.





The 3.2 mm working channel provides greater suction performance than conventional models.\*



# Specially designed one-step connector and relocated balloon air feed inlet for better operability

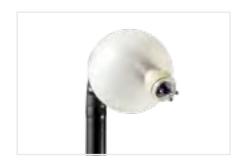
The balloon air feed inlet has been relocated from the control portion to the connector portion, creating a better examination environment. Also, a one-step connector (TY-06 or TY-500) specially designed for the balloon air feed inlet on the endoscope is provided, simplifying the preparation.

<sup>\*</sup> According to Fujifilm data

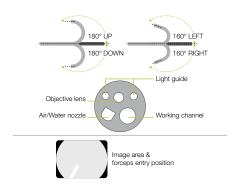


### **EN-580T** ENTEROSCOPE Therapeutic Type





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

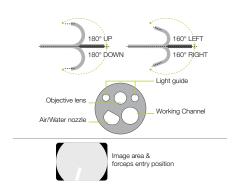


# **EN-580XP** ENTEROSCOPE Slim Type



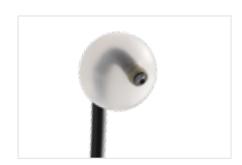


| Viewing direction  | 0° (Forward)                              |
|--------------------|---|
| Field of view      | 140°                                      |
| Observation range  | 2-100mm                                   |
| Bending capability | Up 180°/Down 180°<br>Right 160°/Left 160° |
| Ø Distal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

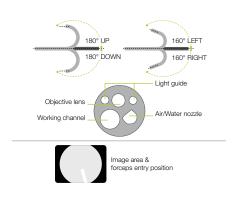


### **EI-580BT** SHORT DOUBLE BALLOON ENDOSCOPE





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



Some tubes and balloons used for EN-580T and EN-580XP are made from non-latex materials.

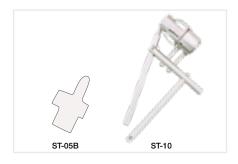
# PB-30 BALLOON CONTROL UNIT

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



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

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



To fix the balloon and the rubber bands.



# LOWER GI ENDOSCOPY



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

#### **ELUXEO ULTRA**

The Eluxeo™ Ultra platform features a range of tools and technologies. It will evolve continuously, so our best endoscopy system for your patients today will remain so tomorrow.

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













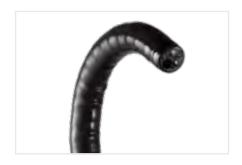




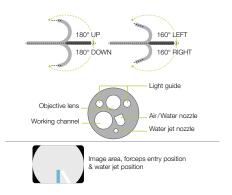




This routine colonoscope has a wide field of view of 170° as well as a large working channel diameter of 3.8 mm. It features the G7 grip and the Flexibility Adjuster. In addition, it has a slim diameter of 12.0 mm and includes a water jet function and CMOS technology.

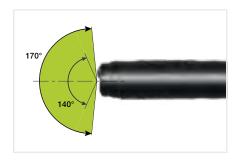


| Field of view      | 170°                                      |
|--------------------|---|
| Observation range  | 2-100 mm                                  |
| Bending capability | Up 180°/Down 180°<br>Right 160°/Left 160° |
| Ø Distal end       | 12.0 mm                                   |
| Ø Flexible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



#### Wide 170° field of view

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



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















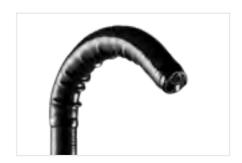




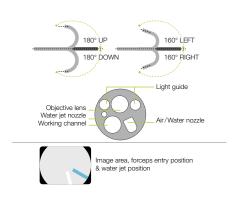




The zoom colonoscope is an all-rounder. It features the brilliant and easy-to-operate 145x Multi Zoom\* magnification which leads to more detailed visualisation, supporting a deeper analysis of mucosal and vascular patterns. Compared to the EC-760ZP ultra slim zoom type, it comes with a stiffer insertion 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<br>Normal 3–100 mm<br>Close 1.5–2.5 mm |
| Bending capability | Up 180°/Down 180°<br>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 mm/1,690 mm                                 |
| Total length       | 1,650 mm/2,010 mm                                 |



<sup>\*</sup> In combination with 26" screen The CAD EYE Al technology is available for all colonoscopes.

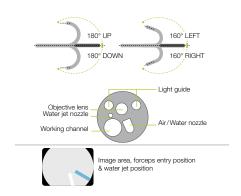
### EC-760ZP-V/M, L ELUXEO™ VIDEO COLONOSCOPE Optical Magnification



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.



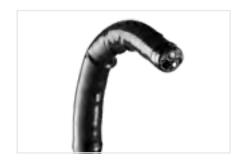
| Field of view      | Normal 140°/Close 56°                          |
|--------------------|--|
| Observation range  | 1.5–100mm<br>Normal 3–100mm<br>Close 1.5–2.5mm |
| Bending capability | Up 180°/Down 180°<br>Right 160°/Left 160°      |
| Ø Distal end       | 11.7 mm  |
| Ø Flexible portion | 11.8mm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



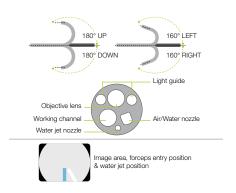
## EC-760P-V/M, L ELUXEO™ VIDEO COLONOSCOPE Ultra Slim Type



This ultra 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 Gl 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  | 2-100mm                                   |
| Bending capability | Up 180°/Down 180°<br>Right 160°/Left 160° |
| Ø Distal end       | 11.1 mm                                   |
| Ø Flexible portion | 11.5mm                                    |
| Ø Working channel  | 3.2 mm                                    |
| Working length     | 1,330/1,690mm                             |
| Total length       | 1,650/2,010mm                             |

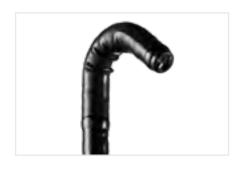


<sup>\*</sup> In combination with 26" screen
The CAD EYE AI technology is available for all colonoscopes.

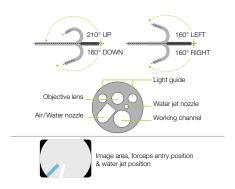
## EC-740T/M, L ELUXEO™ VIDEO COLONOSCOPE Slim & Treatment Type



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



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

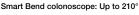


#### SMART BEND



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







Colonoscope without Smart Bend



#### EI-740D/S ELUXEO™ VIDEO GASTROSCOPE & SIGMOIDOSCOPE Dual Channel















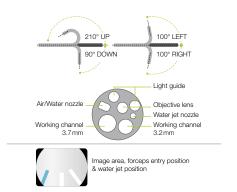




The ELUXEO™ EI-740D/S is intended for use in both the upper gastrointestinal tract and sigmoid colon and combines the former EG-530D gastroscope, and ES-530WE sigmoidoscope in one exceptional endoscope. With its two instrument channels (3.7 and 3.2 mm) and improved suction performance, it is especially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



| Field of view      | 140°                                     |
|--------------------|--|
| Observation range  | 3–100 mm                                 |
| Bending capability | Up 210°/Down 90°<br>Right 100°/Left 100° |
| Ø Distal end       | 12.8 mm                                  |
| Ø Insertion tube   | 12.8 mm                                  |
| Ø Working 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 El-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











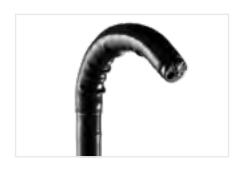




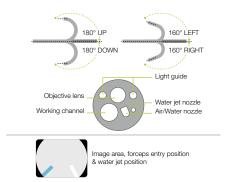






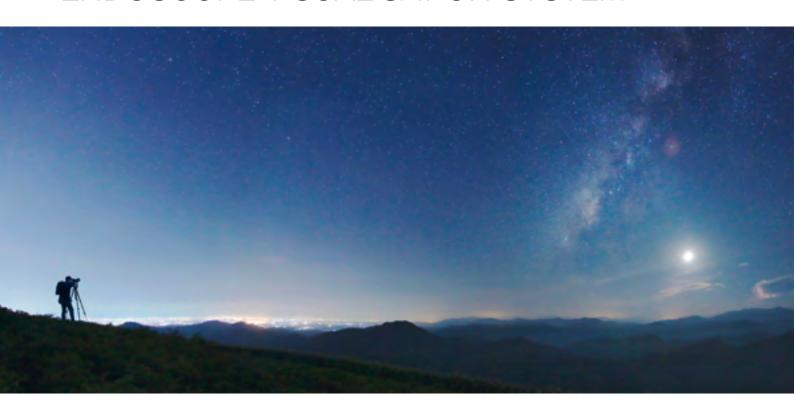


| Field of view      | 170°                                      |
|--------------------|---|
| Observation range  | 2-100 mm                                  |
| Bending capability | Up 180°/Down 180°<br>Right 160°/Left 160° |
| Ø Distal end       | 12.8 mm                                   |
| Ø Flexible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



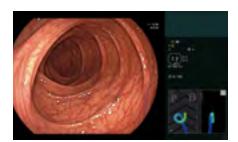


# **COLOASSIST PRO:**ENDOSCOPE VISUALISATION SYSTEM





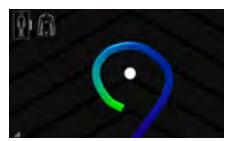
### **EXCELLENT VISUALISATION**



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

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.

The 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.



Single Screen Mode: Displays the endoscope model from one direction (out of 4)



Dual Screen Mode: Displays the endoscope model from two directions



Sky View Mode: Displays the endoscope model obliquely from above the foot section of the patient

#### EC-760S-G/L, M ELUXEO™ COLONOSCOPE Routine Type













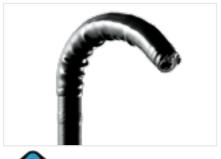






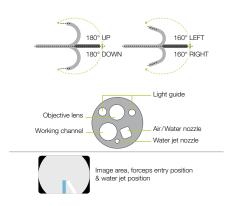


This routine colonoscope with visualisation function from the ELUXEO™ 760 series is equipped with CMOS technology and provides HD images and videos for daily practice. Close Focus allows observation from a distance as close as 2 mm.





| Field of view        | 170°                                      |
|----------------------|---|
| Observation range    | 2-100 mm                                  |
| Bending capability   | Up 180°/Down 180°<br>Right 160°/Left 160° |
| Ø Distal end         | 12.8 mm                                   |
| Ø Flexible portion   | 12.8 mm                                   |
| Ø Working channel    | 3.8 mm                                    |
| Working length       | 1,330/1,690 mm                            |
| Total length         | 1,650/2,010 mm                            |
| Endoscope Visualizer | Compatible                                |



#### **EV-3D** ENDOSCOPE VISUALIZER



| Power                     | 100-240V ~ 50/60 Hz   |
|---------------------------|---|
| Current consumption       | 1.0-0.7A  |
| Video Output              | DVI-I (1280x1024px/<br>1920x1080px)<br>HD-SDI (1920x1080px) |
| Supported endoscopes      | EC-760S-G/L, M  |
| Dimensions<br>(W x H x D) | 380 x 80 x 445 mm (including projection)                    |
| Weight                    | 6.5kg   |
| Frequency band            | 200-2000 Hz   |
|                           |   |

The system requires the Endoscope Visualizer EV-3D with peripherals (handmarker, transceiver dish) as well as the dedicated colonoscope (EC-760S-G/L,M). It is compatible with CAD EYE AI technology.

Design Award Winner Endoscope Visualisation System







### **ELUXEO**™ FEATURING G-EYE



#### **FLATTENED TOPOGRAPHY**

The G-EYE® 760R endoscope is equipped with a permanently integrated balloon at the bending section of the routine colonoscope. On demand, the reusable balloon can be inflated, thereby flattening the colonic walls and improving the detection of hidden polyps\*. It is also compatible with CAD EYE AI technology.

**FOR INCREASED ADR\*** 

CONTROLLED WITHDRAWAL™ CENTRALISES ENDOSCOPE OPTICS, REDUCES BOWEL SLIPPAGE

**ENDOSCOPE STABILISATION DURING INTERVENTIONS** 

<sup>\* &</sup>quot;G-EYE colonoscopy is superior to standard colonoscopy for increasing adenoma detection rate: an international randomized controlled trial", Shirin H. et al., Gastrointestinal Endoscopy 2019; 89(3): 545-553

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

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

#### INTUBATION



G-EYE® could be used for delooping with anchoring function

#### **DETECTION**



G-EYE® flattens topography to detect hidden polyps

Controlled Withdrawal™ with partially inflated balloon





#### **CHARACTERISATION**



G-EYE® stabilises the endoscope during characterisation

Controlled Withdrawal™ with partially inflated balloon





#### **TREATMENT**



G-EYE® stabilises the endoscope during treatment

#### **G-EYE® 760R**













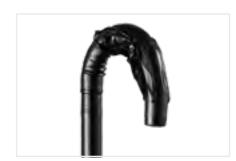




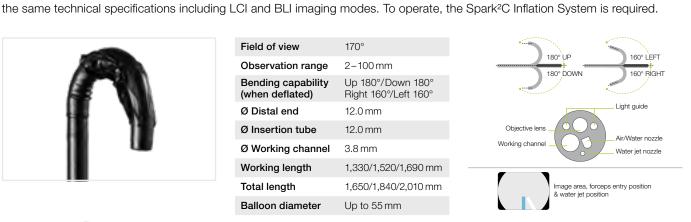








| Field of view                      | 170°                                      |
|------------------------------------|---|
| Observation range                  | 2-100 mm                                  |
| Bending capability (when deflated) | Up 180°/Down 180°<br>Right 160°/Left 160° |
| Ø Distal end                       | 12.0 mm                                   |
| Ø Insertion tube                   | 12.0 mm                                   |
| Ø Working channel                  | 3.8 mm                                    |
| Working length                     | 1,330/1,520/1,690 mm                      |
| Total length                       | 1,650/1,840/2,010 mm                      |
| Balloon diameter                   | Up to 55 mm                               |
|                                    |   |





SPARK<sup>2</sup>C Inflation System



# CAD EYE: *ELUXEO*™ MEETS ARTIFICIAL INTELLIGENCE



#### **INTELLIGENT SUPPORT**

CAD EYE works with the expansion unit EX-1 and the CAD EYE software EW10-EC02. The documentation software EW10-SC01 enables still image and movie recording (up to 30 hours) in the EX-1 memory and features data transfer via the network. It can easily be controlled with the endoscope switch or directly at the processor.



# FOR COLONIC POLYP DETECTION & CHARACTERISATION

MOVIE/STILL IMAGE RECORDING & NETWORK FUNCTION

FUTURE CAD APPLICATIONS
CAN BE INSTALLED

COMPATIBLE WITH ALL ELUXEO™
700 SERIES COLONOSCOPES,
G-EYE 760R & COLOASSIST PRO



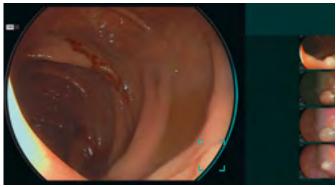
<sup>\*</sup> Manufactured by EIZO Corporation, Japan.

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

#### **REAL-TIME DETECTION**



CAD EYE is aimed 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 Mode

LCI Mode

# CHARACTERISATION SUPPORT



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





BLI Mode - Neoplastic

BLI Mode - Hyperplastic



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



# **LIGHT SOURCES & PROCESSORS**



BL-7000 | VP-7000 | EP-6000

| Light | Source | & | Processor | 7000 | 48 |
|-------|--------|---|-----------|------|----|
| Liaht | Source | & | Processor | 6000 | 50 |

# **BL-7000 & VP-7000**



#### 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.

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 eco-friendly ELUXEO™ 7000 system features the 4-LED Multi Light™ Source, which outperforms conventional Xenon or Halogen light sources: With 10,000 hours1 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             | 100-240V, 50/60Hz, 1.2-0.7A               |
| 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                       |



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

#### 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 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           | 100-240V, 50/60Hz, 0.8-0.5A                                    |
| Dimensions (W x H x D) | 390 x 110 x 485 mm (including projection)                      |
| Weight                 | 9.0 kg   |

#### 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 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             | 100-240V, 50/60Hz, 2.0-1.1A               |
| 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<br>Light | BLI | LCI | FICE |
|-----------------------------|----------------|-----|-----|------|
| 700 series                  | •              | •   | •   | •    |
| 600/500 series              | •              |     |     | •    |



 $<sup>^{\</sup>star}$  Excluding 590 series endoscopes, EG-530UT2, EG-530UT, EG-530UR2 and EG-530UR.

# **ESD**



#### CLUTCHCUTTER | FLUSHKNIFE | JW-3 | PURASTAT

| Hoods             | 52 |
|-------------------|----|
| Knives            | 54 |
| Water Pump        | 58 |
| Injection Needles | 59 |
| Haemostat         | 60 |
| Insufflator       | 60 |



#### ST HOODS



ST Hoods have a transparent, small caliber tip, maintaining a clear field of view.

| Model   | Material Code | Characteristics   | Ø Outer<br>(mm) | Ø Inner<br>tip (mm) | Tip<br>length (mm) | Accessory guide | Applicable endoscopes  | Unit |
|---------|---------------|---|-----------------|---------------------|--------------------|-----------------|--|------|
| DH-28GR | 16426426      | Transparent; silicone rubber, polycarbonate resin                   | 11.5            | 8.0                 | 7.0                | Without         | EG-760Z<br>EG-600ZW<br>EC-740T/M, L  | 5    |
| DH-29CR | 16426438      | Transparent; silicone rubber, polycarbonate resin                   | 12.4            | 8.0                 | 7.0                | Without         | EG-760CT<br>EC-760P-V/M, L   | 5    |
| DH-30CR | 16426440      | Transparent; silicone rubber, polycarbonate resin                   | 13.8            | 8.0                 | 7.0                | Without         | EC-760R-V/M, I, L<br>EC-760ZP-V/M, L<br>EC-760Z-V/M, L<br>EC-720R/M, I, L<br>EC-600WM/WI/WL<br>EC-600ZW/M, L | 5    |
| DH-33GR | 16635493      | Transparent; guide<br>type; silicone rubber,<br>polycarbonate resin | 11.8            | 7.0                 | 7.0                | Yes             | EG-760Z<br>EG-760CT<br>EC-740T/M, L  | 5    |
| DH-34CR | 16635508      | Transparent; guide type; silicone rubber, polycarbonate resin       | 13.6            | 7.0                 | 7.0                | Yes             | EC-760R-V/M, I, L<br>EC-760ZP-V/M, L<br>EC-600WM/WI/WL   | 5    |
|         |               |   |                 |                     |                    |                 |  |      |











DH-28GR

DH-29CR

DH-33GR

DH-34CR

#### ST Hood features

- 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 to stabilise endotherapeutic devices

#### **OBSERVATION HOOD**



| Model   | Characteristics | Ø Outer<br>(mm) | Tip<br>length (mm) | Applicable endoscopes |
|---------|-----------------|-----------------|--------------------|-----------------------|
| DH-17EN | Transparent     | 11.5            | 1.5                | EI-580BT, EN-580T     |



DH-17EN

#### **TOP** ENDOSCOPIC HOODS\*

THIRD PARTY PRODUCT 2

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

| Model   | Material Code | Characteristics      | Ø Outer<br>(mm) | Tip<br>length (mm) | Applicable endoscopes                                  | Unit |
|---------|---------------|----------------------|-----------------|--------------------|--|------|
| SHS     | 70100142568   | Soft and transparent | 8.6-9.8         |                    | EG-760R  | 5    |
| SHM     | 70100139249   | Soft and transparent | 9.8-10.6        |                    | EG-760Z<br>EG-760CT<br>EC-740T/M, L                    | 5    |
| SHL     | 70100139248   | Soft and transparent | 10.6 –12.6      |                    | EC-760R-V/M, I, L<br>EC-760ZP-V/M, L<br>EC-760P-V/M, L | 5    |
| SHLL    | 70100143067   | Soft and transparent | 12.6 -14.0      |                    | EC-760Z-V/M, L   | 5    |
| SHM-B   | 70100139250   | Soft and black       | 9.8-10.6        |                    | EG-760Z<br>EG-760CT<br>EC-740T/M, L                    | 5    |
| SHL-B   | 70100139251   | Soft and black       | 10.6 –12.6      |                    | EC-760R-V/M, I, L<br>EC-760ZP-V/M, L<br>EC-760P-V/M, L | 5    |
| SHF-020 | 70100143067   | Hard and transparent | 9.8             | 7.0                | EG-760Z<br>EC-740T/M, L                                | 5    |
| SHF-035 | 70100139658   | Hard and transparent | 10.8            | 7.0                | EG-760CT<br>EC-760P-V/M, L                             | 5    |
| SHF-045 | 70100141234   | Hard and transparent | 11.5            | 7.0                | EC-760R-V/M, I, L                                      | 5    |
| SHF-050 | 70100139656   | Hard and transparent | 12.2            | 7.0                | EC-760ZP-V/M, L  | 5    |
| SHF-055 | 70100139657   | Hard and transparent | 13.2            | 7.0                | EC-760Z-V/M, L   | 5    |







SHS/M/L/LL

SHM-B / L-B

<sup>\*</sup> 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** SINGLE USE ESD KNIFE



| Model           | Material Code | Characteristics | Identifier | Knife<br>length (mm) | Working<br>length (mm) | Ø Working<br>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

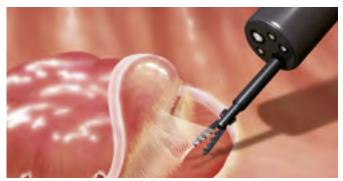
DP2618DT -50-: 5.0 mm jaw length

#### 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<sup>1</sup>

**EXCELLENT MANOEUVRABILITY AND STABILITY<sup>2</sup>** 

FLUID SUPPLY CAPABILITY WITH WATER PUMP JW-3

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

#### **FLUSHKNIFE BTS**

2

2

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

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

#### **FLUSHKNIFE NS**

FlushKnife NS has a slim needle shaped tip.

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



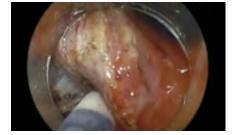
1. Marking (coagulation)



2. Water jet



3. Mucosal incision



4. Submucosal dissection



5. Submucosal supply



6. Coagulation

#### **Recommended applications**

| Diameter   | 1 mm | 1.5mm | 2mm | 2.5 mm      | 3mm         |
|------------|------|-------|-----|-------------|-------------|
| Oesophagus |      |       |     | Δ           | Δ           |
| Stomach    |      |       |     |             |             |
| Colon      |      |       |     | $\triangle$ | $\triangle$ |

Please note: 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.

 $<sup>\</sup>bigcirc$  Best indication  $\bigcirc$  Possible Use  $\triangle$  Indicated in certain cases



#### 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





#### FOR INFECTION PREVENTION AND SAFETY



Tip of JT-3DT to connection to saline bag

#### 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.

# 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-Typ                       | 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       |

#### WATER PUMP ACCESSORIES

| Product name                              | Material Code | Where to use                   | Characteristics                                | Total tube length (mm)  | Unit |
|---|---------------|--------------------------------|--|-------------------------|------|
| JT-3RC Instrument channel tube            | 16642836      | Instrument<br>channel (mode A) | Suction/irrigation tubing, reusable            | 2,230                   | 1    |
| JT-3RC2 Instrument channel-joint tube     | 16642850      | Instrument channel (mode A)    | Suction/irrigation tubing, reusable            | 195                     | 5    |
| JT-3DC Disposable instrument channel tube | 16642862      | Instrument channel (mode A)    | Endoscopic insufflation tubing set, single-use | 2,065                   | 10   |
| JT-3RW Water jet<br>tube                  | 16642848      | Water jet (mode B)             | Suction/irrigation tubing, reusable            | 1,340<br>Luer connector | 2    |
| JT-3DW Disposable water jet tube          | 16642874      | Water jet (mode B)             | Endoscopic insufflation tubing set, single-use | 1,330<br>Luer connector | 10   |
| JT-3DT Disposable therapeutic tube        | 16642886      | Therapeutic device (mode C)    | Endoscopic insufflation tubing set, single-use | 3,350<br>Luer connector | 10   |
| WT-3JW Water tank                         | 16642824      | Water tank                     | Surgical irrigation pump                       |                         | 2    |
| JT-3RC                                    | JT-3RC2       |                                | JT-3DC   | WT-3JW                  |      |
| Q)  | <             | 5)                             | 8  |                         |      |

#### **MANTA INJECTION NEEDLES**

JT-3DW

2

Manta ensures reliable retraction and extension of the needle, even in acutely angulated device positions, and prevents damage to the working channel. Enhanced kink-resistance and single handed operation provide for ease of use.

| Product code        | Material Code | Characteristics   | Ø Needle  <br>Length (mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|---------------------|---------------|---|---------------------------|----------------|---------------------------|------|
| INJ1-A3-05-5-18-240 | 70100146666   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   5                   | 2,400          | 2.0                       | 5    |
| INJ1-A3-07-5-18-240 | 70100146657   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                   | 2,400          | 2.0                       | 5    |

JT-3DT



INJ-A3

JT-3RW



#### **PURASTAT HAEMOSTAT\***

THIRD PARTY PRODUCT

PuraStat is a slightly viscous solution of synthetic peptides. When in contact with blood, the synthetic peptide selfassembles into a 3-dimensional matrix which rapidly coats the bleeding point leading to haemostasis. It is transparent and can be reapplied. PuraStat can be combined with coagulation, clips etc and is applicable to narrow spaces. It is easy to handle and ready to use a pre-filled syringe.

| Product code                     | Material Code | Characteristics              | Unit |
|----------------------------------|---------------|------------------------------|------|
| PURASTAT 1ml 621-034             | 70100152373   | Haemostatic gel 1ml syringe  | 1    |
| PURASTAT 3ml 621-035             | 70100152372   | Haemostatic gel 3ml syringe  | 1    |
| PURASTAT 5ml 621-036             | 70100152371   | Haemostatic gel 5 ml syringe | 1    |
| PURASTAT Nozzle System<br>Type-L | 70100153471   | Haemostatic gel catheter     | 5    |

<sup>\*</sup> PuraStat is a trademark for 3-D Matrix.

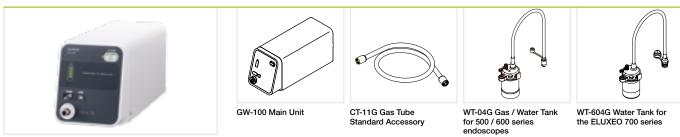




#### **GW-100** CO<sub>2</sub> INSUFFLATOR

#### Fast resorption of insufflated CO<sub>2</sub> for patient friendly examinations

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



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

# **POLYPECTOMY**



CROSS SNARE ZERO | RESECTION MASTER | MANTA | OCTOPUS | FLAMINGO

| Polypectomy Snares           | 62 |
|------------------------------|----|
| Injection Needles            | 68 |
| Foreign Body Retrieval Nets  | 70 |
| Foreign Body Forceps         | 72 |
| Foreign Body Protection Cap  | 72 |
| Polyp Traps                  | 73 |
| Spray Catheters              | 74 |
| Haemostat                    | 74 |
| Cytology Brushes             | 75 |
| <b>Examination Pants</b>     | 75 |
| <b>Buried Bumper Therapy</b> | 76 |

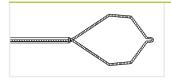
### **CROSS SNARE ZERO**



#### CROSS SNARE ZERO POLYPECTOMY SNARES for Cold Snaring



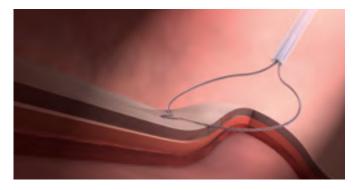
| Product code      | Material Code | Characteristics | Ø Snare<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|-------------------|---------------|-----------------|-----------------|----------------|---------------------------|------|
| POL1-Z2-07-23-220 | 70100147742   | Kite, CWT       | 7               | 2,200          | 2.8                       | 10   |
| POL1-Z2-12-23-220 | 70100147743   | Kite, CWT       | 12              | 2,200          | 2.8                       | 10   |



POL1-Z2



# Large opening angle, even if the snare is partially retracted



#### **Compacted Wire Technology (CWT)**

Compacted Wire Technology combines the benefits of a mono-filament cutting wire with those of a braided cutting wire:

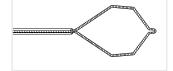
- High energy density for a clean cut
- Low thermal input due to the CWT structure
- Precision-control exploration



#### CROSS SNARE HYBRID POLYPECTOMY SNARES for Cold & Hot Snaring



| Product code         | Material Code | Characteristics | Ø Snare<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------------|---------------|-----------------|-----------------|----------------|---------------------------|------|
| POL1-X1-10-23-220-OL | 70100146804   | Kite, CWT       | 10              | 2,200          | 2.8                       | 10   |
| POL1-X1-15-23-220-OL | 70100146758   | Kite, CWT       | 15              | 2,200          | 2.8                       | 10   |



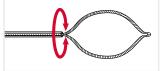
#### POL1-X1

#### POLYPECTOMY SNARES

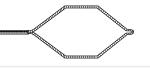


| Product code         | Material Code | Characteristics             | Ø Snare<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------------|---------------|-----------------------------|-----------------|----------------|---------------------------|------|
| POL1-B1-10-23-220-OL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







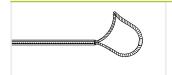


POL1-B1 / B7

POL1-B8

POL1-D1

POL1-F1

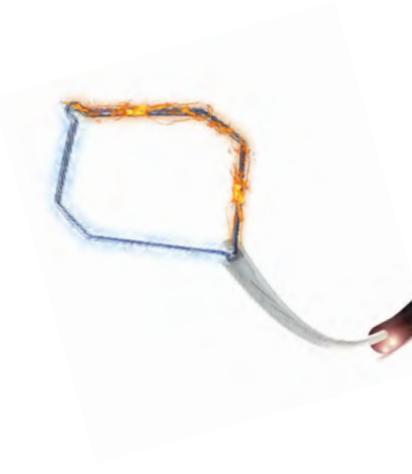


POL1-K1

# 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, and the only one, 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.



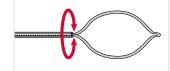


#### POLYPECTOMY SNARES



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





POL1-B9 POL1-B3

#### **RESECTION MASTER POLYPECTOMY SNARES for EMR**



| Product code         | Material Code | Characteristics       | Ø Snare<br>(mm) | Length<br>(mm) | Ø Working<br>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   |

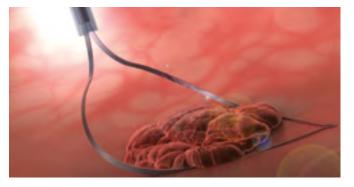


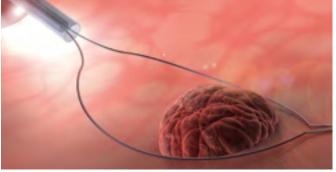
POL1-C5

Figure: POL1-C5-22-23-220-OL

Ideal resection thanks to an optimised hold on the tissue







### **SNARE INFLATOR** POLYPECTOMY SNARES with Integrated Injection Needle



| Product code         | Material Code | Characteristics | Ø Snare<br>(mm) | Needle<br>Length (mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------------|---------------|-----------------|-----------------|-----------------------|----------------|---------------------------|------|
| POL1-H4-15-27-230-OL | 70100146793   | Oval, CWT       | 15              | 5                     | 2,300          | 3.2                       | 5    |
| POL1-H3-22-27-230-OL | 70100146802   | Oval, monofil   | 22              | 5                     | 2,300          | 3.2                       | 5    |
| POL1-H3-30-27-230-OL | 70100146803   | Oval, monofil   | 30              | 5                     | 2,300          | 3.2                       | 5    |

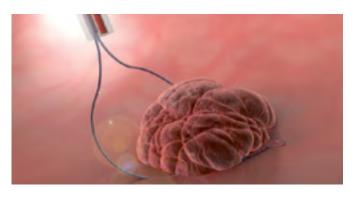


POL1-H3 / H4

**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  <br>Length (mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|---------------------|---------------|---|---------------------------|----------------|---------------------------|------|
| INJ1-A3-05-5-18-240 | 70100146666   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   5                   | 2,400          | 2.0                       | 5    |
| INJ1-A3-07-5-18-240 | 70100146657   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                   | 2,400          | 2.0                       | 5    |



INJ-A3

#### **ICUS INJECTION NEEDLES**



| Product code        | Material Code | Characteristics   | Ø Needle  <br>Length (mm) | Length<br>(mm) | Ø Working 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

#### **ICUS<sup>2</sup> INJECTION NEEDLES**

| (2) | ١ |
|-----|---|
| S   | , |

| Product code        | Material Code | Characteristics   | Ø Needle  <br>Length (mm) | Length<br>(mm) | Ø Working<br>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

<sup>\*</sup> 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

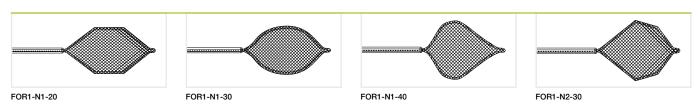
STABLE FRAMED NET

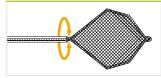
**DIRECT ROTATABILITY\*** 

#### **OCTOPUS** FOREIGN BODY RETRIEVAL NET

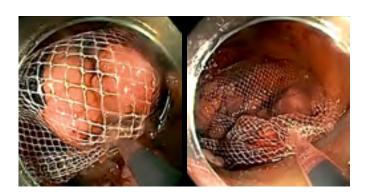


| Product code   | Material Code | Characteristics               | Volume<br>(cm³) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------|---------------|-------------------------------|-----------------|----------------|---------------------------|------|
| FOR1-N1-20-180 | 70100146681   | 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-N3-30



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.



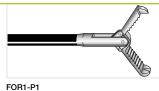
#### FOREIGN BODY FORCEPS

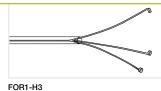


| Product code   | Material Code | Characteristics  | Opening<br>width (mm) | Ø Tube<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------|---------------|--|-----------------------|----------------|----------------|---------------------------|------|
| FOR1-A1-23-230 | 70100146637   | Alligator, metal spring, coated  | 9                     | 2.3            | 2,300          | 2.8                       | 5    |
| FOR1-A2-23-230 | 70100146653   | Hybrid jaw configuration alligator/<br>rat tooth, metal spring, coated                       | 9                     | 2.3            | 2,300          | 2.8                       | 10   |
| FOR1-A2-23-260 | 70100146565   | Hybrid jaw configuration alligator/<br>rat tooth,metal spring, coated<br>balloon enteroscopy | 8                     | 2.3            | 2,300          | 2.8                       | 5    |
| FOR1-P1-18-230 | 70100146585   | Pelican, coated, paediatric  | 9                     | 1.8            | 2,300          | 2.8                       | 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    |







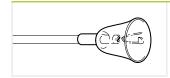


#### FOREIGN BODY PROTECTION CAP





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



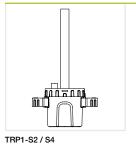
WS0420000

#### **KOALA POLYP TRAPS**

2

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   |





#### 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



| Product code      | Material Code | Characteristics  | Unit |
|-------------------|---------------|--|------|
| MIS1-Polyp trap   | 70100146707   | 4 chambers, connecting tubes to suction pump/endoscope | 10   |
| MIS1-Polyp trap50 | 70100146556   | 4 chambers, connecting tubes to suction pump/endoscope | 50   |



TRP1-S2 / S4



#### SPRAY CATHETER



| Product code   | Material Code | Characteristics | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------|---------------|-----------------|----------------|---------------------------|------|
| SPE1-B6-18-120 | 70100146734   | Spray catheter  | 1,200          | 2.0                       | 10   |
| SPE1-C6-18-220 | 70100146735   | Spray catheter  | 2,200          | 2.0                       | 10   |



SPE1-B6 / C6

#### **PURASTAT HAEMOSTAT\***

THIRD PARTY PRODUCT

PuraStat is a slightly viscous solution of synthetic peptides. When in contact with blood, the synthetic peptide selfassembles into a 3-dimensional matrix which rapidly coats the bleeding point leading to haemostasis. It is transparent and can be reapplied. PuraStat can be combined with coagulation, clips etc and is applicable to narrow spaces. It is easy to handle and ready to use in pre-filled syringe.

| Product code                     | Material Code | Characteristics              | Unit |
|----------------------------------|---------------|------------------------------|------|
| PURASTAT 1ml 621-034             | 70100152373   | Haemostatic gel 1 ml syringe | 1    |
| PURASTAT 3ml 621-035             | 70100152372   | Haemostatic gel 3 ml syringe | 1    |
| PURASTAT 5ml 621-036             | 70100152371   | Haemostatic gel 5 ml syringe | 1    |
| PURASTAT<br>Nozzle System Type-L | 70100153471   | Haemostatic gel catheter     | 5    |

<sup>\*</sup> PuraStat is a trademark for 3-D Matrix.

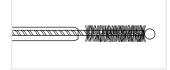




#### CYTOLOGY BRUSHES



| Product code | Material Code | Characteristics                                       | Ø Brush<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|--------------|---------------|---|-----------------|----------------|---------------------------|------|
| WS0372512    | 70100146960   | Bronchoscopy, handle, 1 lumen, distal protection ball | 2.5             | 1,200          | 2.0                       | 5    |
| 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    |

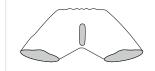


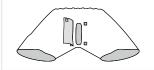
WS03

#### COLONOSCOPY EXAMINATION PANTS



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





MIS1-Pants1

MIS1-Pants / Pants-XXL



## **FLAMINGO**

#### **CO-INVENTED BY PROF. DORMANN**



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.

MULTIDIMENSIONAL CUTTING FOR PRECISE EXCISION OF THE RETAINING PLATE

ACCURATE POSITIONING FACILITATES THE STAR-SHAPED INCISION OF THE MUCOSA



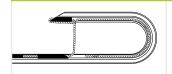
"The FLAMINGO kit has been uniquely designed to meet the particularly difficult circumstances of buried bumper therapy. I use the Flamingo Kit because I gain confidence over other techniques used and at the same time can significantly reduce the examination time."

Co-Inventor Prof. Dr. med. Arno Dormann, 08.02.2022

## **FLAMINGO KIT**

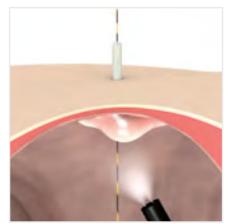


| Product code     | Material Code | Characteristics  | Cutting<br>Length (mm) | Length<br>(mm) | Accepted guide wire | Unit |
|------------------|---------------|--|------------------------|----------------|---------------------|------|
|                  |               | Flamingo kit consisting of:                            |                        |                |                     |      |
| POL3-P1-40-30-30 | 70100146767   | 1 Flamingo for 15Fr PEG probe, 2 lumen, CWT, rotatable | 6 / 10                 | 300            | .035"               | 1    |
| FOL3-F1-40-30-30 |               | 1 Foreign body forceps, alligator/rat tooth            |                        | 2,300          |                     |      |
|                  |               | 1 guide wire, hydrophilic tip                          |                        | 1,200          |                     |      |

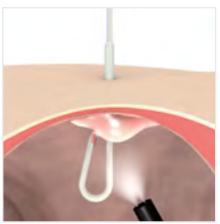


POL3-P1

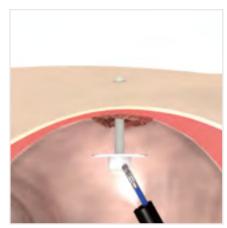
#### **PUSH TECHNIQUE**



Exploration with the PEG probe using a guide wire

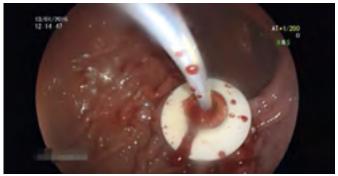


Cutting the PEG probe free with the FLAMINGO by making a star-shaped incision



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







# **BIOPSY**



ENDO BITE<sup>2</sup>

**Biopsy Forceps** 

80



#### **ENDOBITE<sup>2</sup> 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<br>(mm) | Length<br>(mm) | Ø Working channel (mm) | Unit     |
|----------------|---------------|---|----------------|----------------|------------------------|----------|
| BIO1-C4-18-120 | 70100146705   | Oval jaws, coated,<br>Bronchoscopy        | 1.8            | 1,200          | 2.0                    | 10       |
| BIO1-C4-18-180 | 70100146591   | Oval jaws, coated,<br>Paediatrics         | 1.8            | 1,800          | 2.0                    | 10       |
| BIO1-C4-18-260 | 70100146676   | Oval jaws, coated, Balloon<br>Enteroscopy | 1.8            | 2,600          | 2.0                    | 10       |
| BIO1-C4-23-180 | 70100146647   | Oval jaws, mono pull wire, coated         | 2.3            | 1,800          | 2.8                    | 10       |
| BIO1-C4-23-230 | 70100146662   | Oval jaws, mono pull wire, coated         | 2.3            | 2,300          | 2.8                    | 10       |
| BIO1-D4-23-180 | 70100146574   | Oval jaws, mono pull wire, coated, spike  | 2.3            | 1,800          | 2.8                    | 10       |
| BIO1-D4-23-230 | 70100146678   | Oval jaws, mono pull wire, coated, spike  | 2.3            | 2,300          | 2.8                    | 10       |
| BIO1-C3-23-180 | 70100146645   | Oval jaws, mono pull wire                 | 2.3            | 1,800          | 2.8                    | 10       |
| BIO1-C3-23-230 | 70100146592   | Oval jaws, mono pull wire                 | 2.3            | 2,300          | 2.8                    | 10       |
| BIO1-D3-23-180 | 70100146552   | Oval jaws, mono pull wire, spike          | 2.3            | 1,800          | 2.8                    | 10       |
| BIO1-D3-23-230 | 70100146593   | 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 | 70100146680   | Alligator, mono pull wire, coated, spike  | 2.3            | 2,300          | 2.8                    | 10       |
|                |               |   |                | Nur I          |                        | Person I |

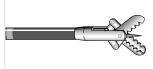


BIO1-C4 / D4



BIO1-C3 / D3





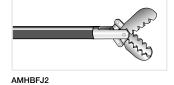
BIO1-H4

MACRO BIOPSY FORCEPS



| Product code   | Material Code | Characteristics   | Ø Jaws<br>(mm) | Length<br>(mm) | Ø Working<br>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   |

BIO1-G4





AMHBFK2

# **FOREIGN BODY**



OCTOPUS | FLAMINGO

| Foreign Body Retrieval Nets  | 82 |
|------------------------------|----|
| Foreign Body Forceps         | 84 |
| Foreign Body Protection Cap  | 85 |
| <b>Buried Bumper Therapy</b> | 86 |



# **OCTOPUS**



## **HIGH VOLUME**

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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

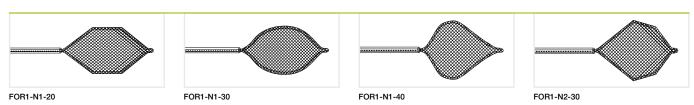
STABLE FRAMED NET

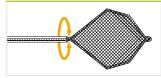
DIRECT ROTATABILITY\*

### **OCTOPUS** FOREIGN BODY RETRIEVAL NET

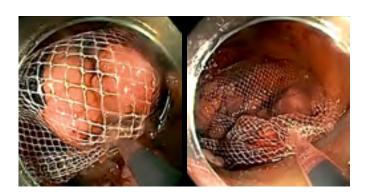


| Product code   | Material Code | Characteristics               | Volume<br>(cm³) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------|---------------|-------------------------------|-----------------|----------------|---------------------------|------|
| FOR1-N1-20-180 | 70100146681   | 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-N3-30



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.



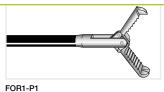
## FOREIGN BODY FORCEPS

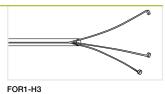


| Product code   | Material Code | Characteristics   | Opening<br>width (mm) | Ø Tube<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------|---------------|---|-----------------------|----------------|----------------|---------------------------|------|
| FOR1-A1-23-230 | 70100146637   | Alligator, metal spring, coated   | 9                     | 2.3            | 2,300          | 2.8                       | 5    |
| FOR1-A2-23-230 | 70100146653   | Hybrid jaw configuration alligator/<br>rat tooth, metal spring, coated                        | 9                     | 2.3            | 2,300          | 2.8                       | 10   |
| FOR1-A2-23-260 | 70100146565   | Hybrid jaw configuration alligator/<br>rat tooth, metal spring, coated<br>balloon rnteroscopy | 8                     | 2.3            | 2,300          | 2.8                       | 5    |
| FOR1-P1-18-230 | 70100146585   | Pelican, coated, paediatrics  | 9                     | 1.8            | 2,300          | 2.8                       | 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    |





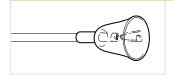




## FOREIGN BODY PROTECTION CAP



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

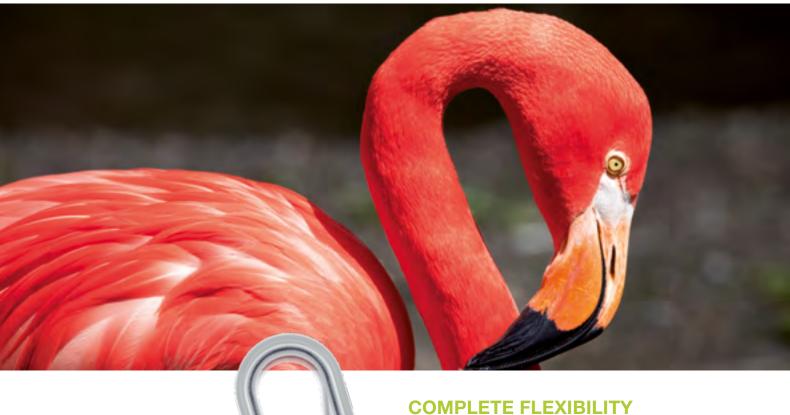


WS0420000



## **FLAMINGO**

#### **CO-INVENTED BY PROF. DORMANN**



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.

**MULTIDIMENSIONAL CUTTING** FOR PRECISE EXCISION OF THE RETAINING PLATE

**ACCURATE POSITIONING FACILITATES THE STAR-SHAPED INCISION OF THE MUCOSA** 



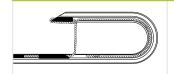
"The FLAMINGO kit has been uniquely designed to meet the particularly difficult circumstances of buried bumper therapy. I use the Flamingo Kit because I gain confidence over other techniques used and at the same time can significantly reduce the examination time."

Co-Inventor Prof. Dr. med. Arno Dormann, 08.02.2022

## **FLAMINGO KIT**

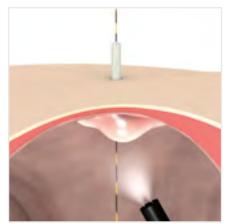


| Product code     | Material Code | Characteristics   | Cutting<br>Length (mm) | Length<br>(mm)        | Accepted guide wire | Unit |
|------------------|---------------|---|------------------------|-----------------------|---------------------|------|
| POL3-P1-40-30-30 | 70100146767   | Flamingo kit consisting of:  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<br>2,300<br>1,200 | .035"               | 1    |

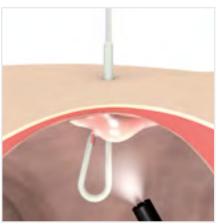


POL3-P1

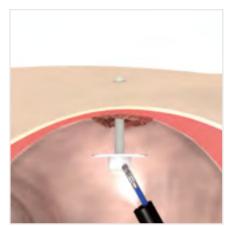
#### **PUSH TECHNIQUE**



Exploration with the PEG probe using a guide wire

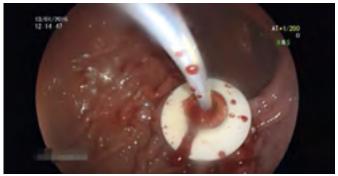


Cutting the PEG probe free with the FLAMINGO by making a star-shaped incision



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







# **HAEMOSTASIS & LIGATION**



MANTA | ICUS<sup>2</sup> | PURASTAT

| Injection Needles | 90 |
|-------------------|----|
| Haemostasis Clip  | 92 |
| Haemostat         | 92 |



#### **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  <br>Length (mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|---------------------|---------------|---|---------------------------|----------------|---------------------------|------|
| INJ1-A3-05-5-18-240 | 70100146666   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   5                   | 2,400          | 2.0                       | 5    |
| INJ1-A3-07-5-18-240 | 70100146657   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                   | 2,400          | 2.0                       | 5    |



INJ-A3

### **ICUS INJECTION NEEDLES**



| Product code        | Material Code | Characteristics   | Ø Needle  <br>Length (mm) | Length<br>(mm) | Ø Working<br>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

#### **ICUS<sup>2</sup> INJECTION NEEDLES**

| Product code        | Material Code | Characteristics   | Ø Needle  <br>Length (mm) | Length<br>(mm) | Ø Working<br>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 precision 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.

<sup>\*</sup> Compared to previous injection needles



#### HAEMOSTASIS CLIP



The haemostasis clip offers simple and safe haemostasis. With dedicated, 90°-angled hook design as well as pointed and overlapping jaws, effective tissue traction is ensured. Compact clip design helps to maintain tissue defect access during multiple clip placements.

| Product code   | Material Code | Characteristics          | Opening<br>width (mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------|---------------|--------------------------|-----------------------|----------------|---------------------------|------|
| SPE1-X9-26-230 | 70100151102   | Coated, 360° positioning | 12                    | 2,100          | 2.8                       | 10   |



SPE1-X9-26-230

#### **PURASTAT HAEMOSTAT\***

THIRD PARTY PRODUCT

PuraStat is a slightly viscous solution of synthetic peptides. When in contact with blood, the synthetic peptide selfassembles into a 3-dimensional matrix which rapidly coats the bleeding point leading to haemostasis. It is transparent and can be reapplied. PuraStat can be combined with coagulation, clips etc and is applicable to narrow spaces. It is easy to handle and ready to use in pre-filled syringe.

| Product code                     | Material Code | Characteristics              | Unit |
|----------------------------------|---------------|------------------------------|------|
| PURASTAT 1ml 621-034             | 70100152373   | Haemostatic gel 1ml syringe  | 1    |
| PURASTAT 3ml 621-035             | 70100152372   | Haemostatic gel 3ml syringe  | 1    |
| PURASTAT 5ml 621-036             | 70100152371   | Haemostatic gel 5 ml syringe | 1    |
| PURASTAT<br>Nozzle System Type-L | 70100153471   | Haemostatic gel catheter     | 5    |

<sup>\*</sup> PuraStat is a trademark for 3-D Matrix.







# **DILATION**



| Dilation Balloons   | 94 |
|---------------------|----|
| Insufflation Device | 94 |



## DILATION BALLOONS for Short & Long Wire Technique



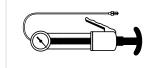
| Product code        | Material Code | Characteristics               | Ø Balloon<br>(mm) | Length<br>Balloon (mm) | Working<br>length (mm) | Accepted guide wire | Ø Working<br>channel (mm) | Unit |
|---------------------|---------------|-------------------------------|-------------------|------------------------|------------------------|---------------------|---------------------------|------|
| DIL1-A1-06-40-23-35 | 70100146636   | Tapered catheter (2.3/1.8 mm) | 6                 | 40                     | 2,,300                 | .035"<br>≥ 2,000 mm | 2.8                       | 2    |
| DIL1-A1-08-40-23-35 | 70100146669   | Tapered catheter (2.3/1.8 mm) | 8                 | 40                     | 2,,300                 | .035"<br>≥ 2,000 mm | 2.8                       | 2    |
| DIL1-A1-10-40-23-35 | 70100146663   | Tapered catheter (2.3/1.8 mm) | 10                | 40                     | 2,,300                 | .035"<br>≥ 2,000 mm | 2.8                       | 2    |
| DIL1-A1-12-60-23-35 | 70100146605   |                               | 12                | 60                     | 2,,300                 | .035"<br>≥ 2,000 mm | 2.8                       | 2    |
| DIL1-A1-14-60-23-35 | 70100146664   |                               | 14                | 60                     | 2,,300                 | .035"<br>≥ 2,000 mm | 2.8                       | 2    |
| DIL1-A1-16-60-23-35 | 70100146670   |                               | 16                | 60                     | 2,,300                 | .035"<br>≥ 2,000 mm | 2.8                       | 2    |
| DIL1-A1-18-60-23-35 | 70100146667   |                               | 18                | 60                     | 2,,300                 | .035"<br>≥ 2,000 mm | 2.8                       | 2    |
| DIL1-A1-20-60-23-35 | 70100146606   |                               | 20                | 60                     | 2,,300                 | .035"<br>≥ 2,000 mm | 3.2                       | 2    |



### INSUFFLATION DEVICE



| Product code | Material Code | Characteristics                       | Unit |
|--------------|---------------|---------------------------------------|------|
| DIL1-B1-60   | 70100146584   | 60 ml volume, 12 atm maximum pressure | 1    |



DIL1-B1



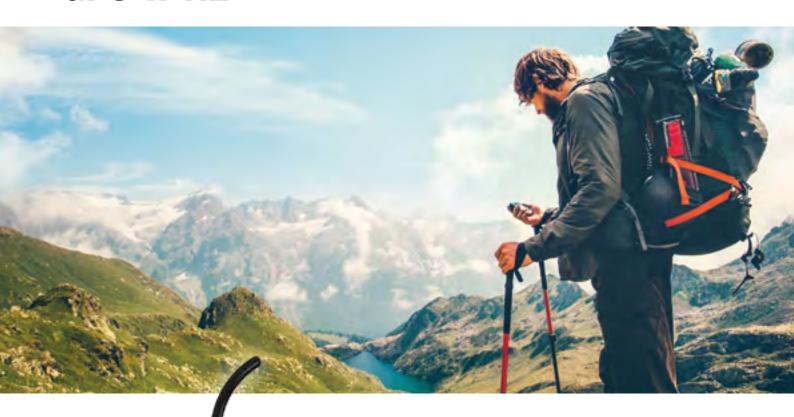
# **SEMS**



GPS WIRE

Guide Wires 96

## **GPS WIRE**



## **ARRIVE SAFELY**

The atraumatic tip of the GI Probing Scout ensures conservative exploration. The sturdy sheath reliably guides therapy instruments to their destination. A smooth transition between the hydrophilic tip and the coating enhances the precision control of your instruments.

In addition, handling is facilitated by the newly designed insertion aid.

PRECISE EXPLORATION

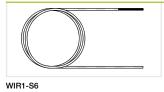
STABLE INSTRUMENT GUIDANCE

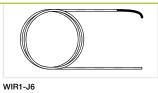
SMOOTH TRANSITION BETWEEN TIP AND COATING

## **GPS WIRE** GUIDE WIRES with Hydrophilic Tip

| KO.                 | ١ |
|---------------------|---|
| ľX                  |   |
| $\langle - \rangle$ |   |

| Product code   | Material Code | Characteristics                           | Diameter | Length<br>(mm) | Unit |
|----------------|---------------|---|----------|----------------|------|
| WIR1-S6-35-260 | 70100146742   | Straight, Nitinol, insulated, green/white | .035"    | 2,600          | 5    |
| WIR1-S6-35-450 | 70100146743   | Straight, Nitinol, insulated, green/white | .035"    | 4,500          | 5    |
| WIR1-J6-35-260 | 70100147764   | J-tip, Nitinol, insulated, green/white    | .035"    | 2,600          | 5    |
| WIR1-J6-35-450 | 70100146828   | J-tip, Nitinol, insulated, green/white    | .035"    | 4,500          | 5    |





## GUIDE WIRES

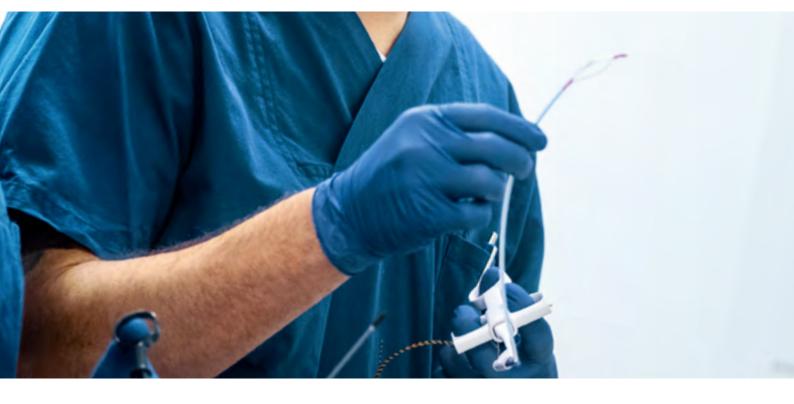
| Product code   | Material Code | Characteristics                        | Diameter | Length<br>(mm) | Unit |
|----------------|---------------|--|----------|----------------|------|
| WIR1-F7-35-260 | 70100146812   | Straight, Nitinol, coated, extra stiff | .035"    | 2,600          | 2    |
| WIR1-F7-35-400 | 70100146827   | Straight, Nitinol, coated, extra stiff | .035"    | 4,000          | 2    |



WIR1-F7



# **BALLOON ENTEROSCOPY**



AXS\_TOME | MANTA | ICUS | ENDOBITE<sup>2</sup>

| Sphincterotomes          | 100 |
|--------------------------|-----|
| ERCP-Cannula             | 100 |
| Stone Extraction Baskets | 101 |
| Injection Needles        | 101 |
| Biopsy Forceps           | 102 |
| Polypectomy Snares       | 102 |
| Guide Wire               | 102 |



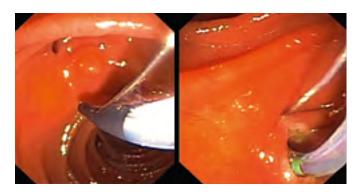
## **AXS\_TOME** SPHINCTEROTOMES 2 Lumen



| Product code     | Material Code | Characteristics                   | Cutting<br>length (mm) | Accepted guide wire | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|------------------|---------------|-----------------------------------|------------------------|---------------------|----------------|---------------------------|------|
| PAP1-D2-30-21-OL | 70100146601   | Micro-Tip, CWT                    | 30                     | .021"               | 2,600          | 2.0                       | 2    |
| PAP1-N2-20-21-OL | 70100146696   | B II, CWT,<br>balloon enteroscopy | 20                     | .021"               | 2,600          | 2.0                       | 2    |







#### **Anatomical 3-D orientation**

Based on systematic 11 o'clock orientation the AXS\_tome sphincterotomes also follow the left frontal anatomy of the distal choledochus.

### **ERCP-CANNULA**



| Product code      | Material Code | Characteristics                       | Length<br>(mm) | Accepted guide wire | Ø Working<br>channel (mm) | Unit |
|-------------------|---------------|---------------------------------------|----------------|---------------------|---------------------------|------|
| CAN1-B3-18-260-35 | 70100146580   | Filiform, 1 lumen, radiopaque marking | 2,600          | .035"               | 2.0                       | 2    |



CAN-B3

#### STONE EXTRACTION BASKETS

| $\sim$          |   |
|-----------------|---|
| $\kappa \gamma$ | ` |
| 17              |   |
| \ <u>~</u>      | ` |
|                 |   |

| Product code      | Material Code | Characteristics | Ø Basket<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|-------------------|---------------|-----------------|------------------|----------------|---------------------------|------|
| BAS1-C1-20-18-260 | 70100146573   | Half twisted 😜  | 20               | 2,600          | 2.0                       | 2    |
| BAS1-C2-25-23-260 | 70100146642   | Half twisted 😜  | 25               | 2,600          | 2.8                       | 2    |



BAS1-C

### **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  <br>Length (mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|---------------------|---------------|---|---------------------------|----------------|---------------------------|------|
| INJ1-A3-05-5-18-240 | 70100146666   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   5                   | 2,400          | 2.0                       | 5    |
| INJ1-A3-07-5-18-240 | 70100146657   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                   | 2,400          | 2.0                       | 5    |



INJ-A3

#### **ICUS INJECTION NEEDLES**



| Product code        | Material Code | Characteristics   | Ø Needle  <br>Length (mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|---------------------|---------------|---|---------------------------|----------------|---------------------------|------|
| INJ1-A1-07-5-18-260 | 70100146611   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                   | 2,600          | 2.0                       | 10   |



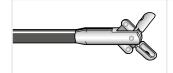
INJ1-A1



## **ENDOBITE**<sup>2</sup> BIOPSY FORCEPS



| Product code   | Material Code | Characteristics   | Ø Jaws<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------|---------------|-------------------|----------------|----------------|---------------------------|------|
| BIO1-C4-18-260 | 70100146676   | Oval jaws, coated | 1.8            | 2,600          | 2.0                       | 10   |



BIO1-C4-18-260

### POLYPECTOMY SNARES

| Product code         | Material Code | Characteristics | Ø Snare<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------------|---------------|-----------------|-----------------|----------------|---------------------------|------|
| POL1-B1-10-23-260-OL | 70100147822   | Convex          | 10              | 2,600          | 2.8                       | 10   |
| POL1-B1-15-23-260-OL | 70100146685   | Convex          | 15              | 2,600          | 2.8                       | 10   |
| POL1-B1-20-23-260-OL | 70100147810   | Convex          | 20              | 2,600          | 2.8                       | 10   |
| POL1-B1-30-23-260-OL | 70100146712   | Convex          | 30              | 2,600          | 2.8                       | 10   |



POL1-B1

#### **GUIDE WIRE**



| Product code   | Material Code | Characteristics           | Diameter | Length<br>(mm) | Unit |
|----------------|---------------|---------------------------|----------|----------------|------|
| WIR1-F1-21-500 | 70100147850   | Straight, Nitinol, coated | .021"    | 5,000          | 2    |



WIR1-F1

# **ACCESSORIES**



KOALA | RACOON BRUSH | SHEPHERD | FROG | JAZZ

| Polyp Traps                | 104 |
|----------------------------|-----|
| Cleaning Brushes           | 105 |
| <b>Endoscope Protector</b> | 107 |
| Lavage Catheters           | 107 |
| Biopsy Valves              | 108 |
| Spray Catheters            | 109 |
| Endoscope Valve Kit        | 110 |
| Miscellaneous              | 112 |

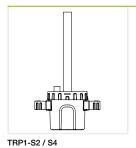


#### **KOALA POLYP TRAPS**



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   |





#### 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



| Product code      | Material Code | Characteristics  | Unit |
|-------------------|---------------|--|------|
| MIS1-Polyp trap   | 70100146707   | 4 chambers, connecting tubes to suction pump/endoscope | 10   |
| MIS1-Polyp trap50 | 70100146556   | 4 chambers, connecting tubes to suction pump/endoscope | 50   |

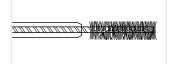


TRP1-S2 / S4

## RACOON BRUSH CLEANING BRUSHES

| $\sim$        |
|---------------|
| KOI           |
| LΣV           |
| $\overline{}$ |

| Product code      | Material Code | Characteristics   | Ø Brush<br>(mm) | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|-------------------|---------------|---|-----------------|----------------|---------------------------|------|
| CLE1-G1-50-18-180 | 70100146651   | For gastroscope, 1 brush  | 5               | 1,800          | min. 2.0                  | 50   |
| CLE1-G2-50-18-180 | 70100146644   | For gastroscope, 2 brushes  | 5               | 1,800          | min. 2.0                  | 50   |
| CLE1-C1-50-18-230 | 70100146548   | For colonoscope, 1 brush  | 5               | 2,300          | min. 2.0                  | 50   |
| CLE1-C1-65-18-230 | 70100146691   | For colonoscope, 1 brush  | 6               | 2,300          | min. 2.0                  | 50   |
| CLE1-C2-50-18-230 | 70100146582   | For colonoscope, 2 brushes  | 5               | 2,300          | min. 2.0                  | 50   |
| CLE1-C3-50-18-230 | 70100146595   | For colonoscope, 3 brushes  | 5               | 2,300          | min. 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-C / G

CLE1-C4 / C6 / D2

## CLEANING BRUSHES for Gastroscopes & Colonoscopes of 700 Series

| Product code | Material Code | Where to use    | Characteristics |
|--------------|---------------|-----------------|-----------------|
| WB7024FW     | 16518827      | Working channel | Reusable        |
| WB7025DC     | 16560832      | Working channel | 2               |
| WB11003FW    | 16518841      | Cylinder port   | Reusable        |
| WB11003DV    | 16560820      | Cylinder port   | (2)             |



WB7024FW



## CLEANING BRUSHES for Gastroscopes & Colonoscopes of 600 / 580 Series

| Product code   | Material Code | Where to use        | Characteristics |           |
|----------------|---------------|---------------------|-----------------|-----------|
| WB4321FW2      | 15910078      | Working channel     | Reusable        |           |
| WB7025DC       | 16560832      | Working channel     | 2               |           |
| WB11002FW2     | 15909902      | Cylinder port       | Reusable        |           |
| WB11003DV      | 16560820      | Cylinder port       | 2               |           |
| 88884444444444 | antitue       | \$631.41<br>1011001 | 100             |           |
| WB4321FW2      | WB702         | 5DC                 | dfghj           | WB11003DV |

## CLEANING BRUSHES for Double-Balloon Endoscopes

| Product code | Material Code | Characteristics | Where to use    | Suitable for |
|--------------|---------------|-----------------|-----------------|--------------|
| WB4324FW2    | 16406921      | Reusable        | Working channel | EN-580T/XP   |
| WB7025DC     | 16560832      | 2               | Working channel | EN-580T/XP   |
| WB11002FW2   | 15909902      | Reusable        | Cylinder port   | EN-580T/XP   |
| WB11003DV    | 16560820      | 2               | Cylinder port   | EN-580T/XP   |
| WB7024FW     | 16518827      | Reusable        | Working channel | EI-580BT     |
| WB11003FW    | 16518841      | Reusable        | Cylinder port   | EI-580BT     |
| WB11003DV    | 16560820      | 2               | Cylinder port   | EI-580BT     |

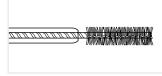


WB4324FW2

## CLEANING BRUSHES Colonocope Kit

| Product code   | Material Code | Characteristics   | Ø Working<br>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-V2-016 For endoscope valve intake | 2.2-4.2                   | 50   |

2



CLE1-C6

## **SHEPHERD** ENDOSCOPE PROTECTOR



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

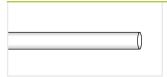


SPE1-B

## LAVAGE CATHETER



| Product code   | Material Code | Characteristics | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------|---------------|-----------------|----------------|---------------------------|------|
| SPE1-B5-18-120 | 70100146790   | LL-connector    | 1,200          | 2.0                       | 5    |
| SPE1-B5-21-120 | 70100146822   | LL-connector    | 1,200          | 2.8                       | 5    |



SHP1-U1



## **FROG**





## 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.

OPTIMISED TIGHTNESS

LESS FRICTION

EASY TO OPEN AND CLOSE

## 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

## SPRAY CATHETER



| Product code   | Material Code | Characteristics | Length<br>(mm) | Ø Working<br>channel (mm) | Unit |
|----------------|---------------|-----------------|----------------|---------------------------|------|
| SPE1-B6-18-120 | 70100146734   | Spray catheter  | 1,200          | 2.0                       | 10   |
| SPE1-C6-18-220 | 70100146735   | Spray catheter  | 2,200          | 2.0                       | 10   |



SPE1-B6 / C6



# 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<br>with G7 grip | 50   |



VAL1-G7



#### Traceability

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

## FORCEPS VALVES



| Product code | Material Code | Characteristics | Compatible endoscope                  | Unit |
|--------------|---------------|-----------------|---------------------------------------|------|
| FV-001       | 16632659      | Forceps valve   | Fujifilm endoscopes with G5 / G7 grip | 10   |
| FV-002       | 16663165      | Forceps valve   | Fujifilm EUS endoscopes               | 20   |



FV-002



## BITE BLOCKS

LATEX

Ergonomic controls, perfect fit, maximum protection.

| Product code | Material Code | Characteristics                         | Ø Inner<br>(mm) | Unit |
|--------------|---------------|---|-----------------|------|
| BYT1-A3-20   | 70100146578   | Standard, white, with OEKO TEX® strap ② | 20              | 100  |
| AN10018004   | 70100147834   | With strap, latex-free ②                | 13              | 25   |
| 30148        | 70100147740   | With oxygen connection, reusable        |                 | 5    |



BYT1

## 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

## **B1** DROPLET REDUCTION MOUTHPIECE

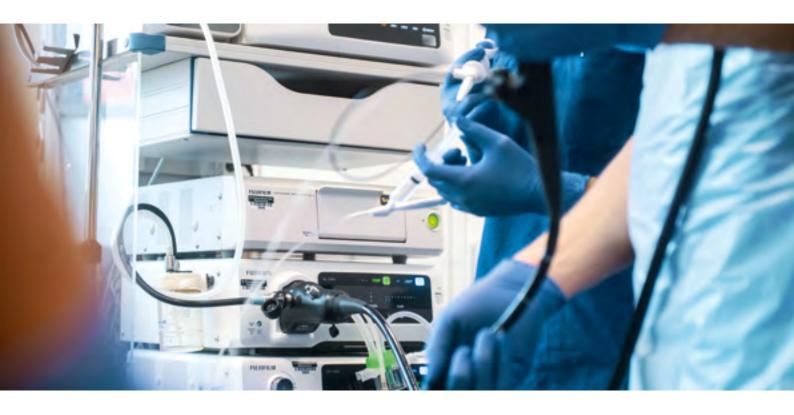


| Product code  | Material Code | Characteristics   | Drape size<br>(mm) | Compatible endoscopes  | Unit |
|---|---------------|---|--------------------|--|------|
| B1<br>Droplet reduction<br>mouthpiece with<br>drape | 16673263      | Mouthpiece with drape that functions as a face shield to reduce droplets from the gap between the mouthpiece and the corners of mouth With sponge rubber to reduce droplets from the oral cavity Latex-free silicone rubber band to fix the drape | 300 x 300          | Endoscopes or intubation tubes of the diameter from 3 to 16 mm | 10   |



B1 Droplet reduction mouthpiece

# **MONITORS & CARTS**



EIZO™

| EIZO Monitors   | 114 |
|-----------------|-----|
| Endoscopy Carts | 115 |

**Monitors for clear and natural images:** Fujifilm's medical equipment incorporates advanced video technology. High-performance monitors used in conjunction with Fujifilm endoscopes reproduce sharp, genuine images.

#### **EIZO MONITORS\***

THIRD PARTY PRODUCT

|     | Model   | Description  | Input<br>signal   | Output<br>signal   | Dimensions<br>WxHxD (mm) | Weight<br>(kg) |
|-----|---|--|---|--|--------------------------|----------------|
|     | EIZO CURATOR (UHD) EX3241<br>32" LCD with 4K resolution | LED backlight with high brightness of max. 700 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 | Display Port (HDCP 1.3),<br>HDMI (HDCP 2.2/1.4),<br>BNC (12G-SDI),<br>BNC (3G-SDI),<br>DVI-D x 2 (HDCP 1.4)                         | BNC (12G-SDI),<br>BNC (3G-SDI),<br>DVI-D   | 760 × 463 × 87           | 12.8           |
| NEW | EIZO CURATOR EX3220<br>32" LCD                          | LED backlight with high brightness of max. 650 cd/m², high-definition, full multi-modality, degree of protection IP45 (front), IP32 (rear)   | BNC (3G-SDI) x 2,<br>DVI-D x 2 (HDCP 1.4),<br>D-Sub 15 pin (mini),<br>BNC (RGB C-Sync or<br>Component), S-Video,<br>BNC (Composite) | BNC (3G-SDI) x 2,<br>DVI-D, BNC<br>(RGB C-Sync<br>or Component),<br>S-Video,<br>BNC (Composite)                | 760 × 463 × 99           | 9.9            |
| NEW | EIZO CURATOR EX2721<br>27" Color LCD                    | LED backlight with high brightness of max. 900 cd/m², high-definition, full multi-modality   | BNC (3G-SDI),<br>DVI-D x 2 (HDCP 1.4),<br>D-Sub 15 pin (mini),<br>S-Video,<br>BNC (Composite)                                       | BNC (3G-SDI),<br>DVI-D, S-Video,<br>BNC (Composite)  | 660 x 400 x 87           | 8.5            |
|     | EIZO Colour LCD<br>26" HD-Type 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,<br>DVI-D x 2 (HDCP 1.4),<br>D-Sub 15 pin (mini),<br>BNC (RGB C-Sync or<br>Component), S-Video,<br>BNC (Composite) | BNC (3G-SDI) x 2<br>(Composite),<br>DVI-D, BNC<br>(RGB C-Sync<br>or Component),<br>S-Video,<br>BNC (Composite) | 643 x 396 x 83           | 8.4            |



EIZO CURATOR EX3241: 4K RESOLUTION IN COMBINATION WITH THE ELUXEO™ SYSTEM **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 optimized space amount in surgical suites and offer maximum storage capacity.

### **ENDOSCOPY CARTS\*\***

THIRD PARTY PRODUCT

| Model               | Material Code | Dimensions<br>(WxHxD mm) | Weight<br>(kg) | Characteristics  |
|---------------------|---------------|--------------------------|----------------|--|
| ITD-03 EUS Iso Plus | 70100128566   | 618 x 1500 x 624         | approx. 85     | EUS cart 2× endoscope hanger, 4× 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 3× shelves, 1× monitor stand 660 VA, isolating transformer                                |
| ITD-00 Plain Cart   | 70100113035   | 614 x 1277 x 625         | approx. 70     | Classic cart 1× endoscope hanger, 3× shelves   |





ITD-03 EUS Iso Plus

ITD-03 Iso Plus



COMPACT SINGLE TROLLEY

ACCOMODATES ALL DEVICES

DIFFERENT FRAMES

<sup>\*\*</sup> Manufactured by ITD GmbH, Germany.



# **SERVICE**



| Service & Partnership   | 118 |
|-------------------------|-----|
| Training & Education    | 120 |
| Product Recommendations | 122 |

## 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. Eight 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)
Montigny, Toulouse (FRA)
Barcelona, Porto (IBERIA)
Milano (ITA)
Prague (CZE)
Istanbul (TUR)

#### Our full comprehensive service contract covers:

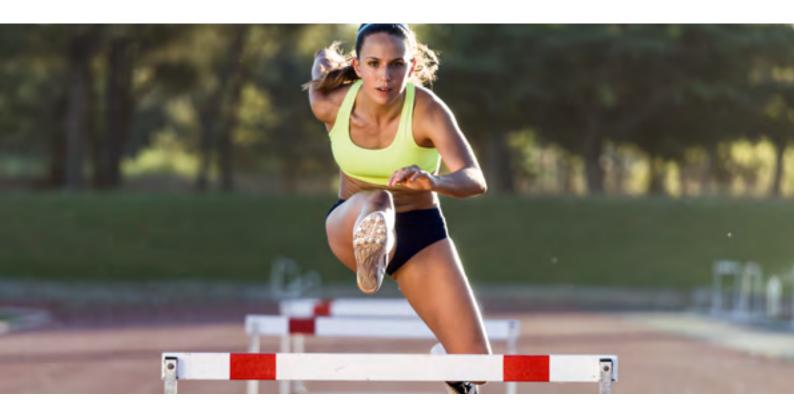
In-house repair service
All repair costs
Highly qualified field service engineers
Large variety of loan devices
Maintenance service and damage prevention
Support for reprocessing and on-site consulting

#### **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 first presented in 2022 – the EndoRunner.

#### **MOBILE HUB**



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 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** 





## LEARNING PLATFORM



SeeLearn is Fujifilm's new online learning platform providing information on Fujifilm endoscopy technologies, sharing patient cases and studies, presenting webinars and learning tools to support education for professionals anytime and anywhere. Please visit

seelearn-emea.fujifilm.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







# PRODUCT RECOMMENDATIONS

| Recommended<br>endoscopes for different<br>gastrointestinal segments |                             | Special endoscopes to cope with these diseases               | Special features of the special endoscope               | Endoscopes<br>for further<br>diagnosis |
|--|-----------------------------|--|---|--|
| Oesophagus   |                             |  |   |  |
| EG-760R  | Zenker diverticle           | EG-760CT; EI-740D/S  | WCH* 3.8; dual channel                                  |  |
| EG-760Z<br>EG-760CT  | Other oesophagus diverticle | EG-760CT; EI-740D/S  | WCH 3.8; dual channel                                   |  |
| EG-740N<br>EI-740D/S   | Barrett oesophagus          | EG-760CT; EG-760Z; EG-760R;<br>EG-720R; EG-600WR             | Magnification, high-quality images                      | EG-580UT/UR                            |
| EG-720R<br>EG-600WR  | Oesophagitis                | EG-760CT; EG-760Z; EG-760R;<br>EG-720R; EG-600WR             | Magnification, high-quality images                      |  |
| EG-580NW2  | Mallory Weiss syndrome      | EG-760CT   | WCH 3.8   |  |
| EG-580UR<br>EG-580UT   | Oesophagus varices          | 2 endoscopes prepared  |   |  |
| EG-530NP   | Tumors                      | EG-760CT; EG-760Z; EG-760R;<br>EG-720R; EG-600WR             | Magnification, high-quality images                      | EG-580UT/UR                            |
|  | Squamous cell carcinoma     | EG-760CT; EG-760Z; EG-760R;<br>EG-720R; EG-600WR             | Magnification, high-quality images                      | EG-580UT/UR                            |
|  | Achalasia/POEM              | EG-760R; EG-760CT  | WCH 3.8   |  |
|  | Stenosis                    | EG-740N; EG-580NW2; EG-530NP                                 | Small outer diameter                                    | EG-580UT/UR                            |
| Gastro intestinal  |                             |  |   |  |
| EG-760R<br>EG-760Z   | Gastritis                   | EG-760Z; EG-760R; EG-720R;<br>EG-600WR                       | Magnification, high-quality images                      |  |
| EG-760CT<br>EG-740N<br>EI-740D/S<br>EG-720R                          | Dyspepsia                   | EG-760Z; EG-760R; EG-720R;<br>EG-600WR                       | Magnification, high-quality images                      |  |
|  | Ulcus ventriculi            | EG-760Z; EG-760R; EG-720R;<br>EG-600WR                       | Magnification, high-quality images                      | EG-580UT/UR                            |
| EG-600WR<br>EG-580NW2  | Ulcus perforation           | EG-760CT; EI-740D/S  | WCH 3.8; dual channel                                   |  |
| EG-530NP   | Ulcus carcinomas            | EG-760Z; EG-760R; EG-720R;<br>EG-600WR                       | Magnification, high-quality images                      | EG-580UT/UR                            |
|  | Ulcus bleeding              | EG-760CT; EI-740D/S  | WCH 3.8; dual channel                                   |  |
|  | Gastro carcinomas           | EG-760Z; EG-760R; EG-720R;<br>EG-600WR                       | Magnification, high-quality images                      | EG-580UT/UR                            |
|  | Precancerosis               | EG-760Z; EG-760R; EG-720R;<br>EG-600WR                       | Magnification, high-quality images                      | EG-580UT/UR                            |
|  | Stomach exit stenosis       | EG-740N; EG-580NW2; EG-530NP                                 | Small outer diameter                                    |  |
|  | Vessel abberation           | EI-740D/S  | WCH 3.8; dual channel                                   | EG-580UT/UR                            |
|  | Fundus varices              | EG-760R; EG-760CT  | WCH 3.8   |  |
| Duodenum   |                             |  |   |  |
| EG-760R<br>EG-760Z   | Duodenitis                  | EG-760Z; EG-760R; EG-720R;<br>EG-600WR; (EI-580BT)           | Magnification, high-quality images, stabilises position |  |
| EG-760CT<br>EG-740N  | Duodenal ulcer              | EG-760Z; EG-760R; EG-720R;<br>EG-600WR; (EI-580BT)           | Magnification, high-quality images, stabilises position |  |
| EI-740D/S<br>EG-720R   | Coeliac disease             | EG-760Z; EG-760R; EG-720R;<br>EG-600WR; (EI-580BT)           | Magnification, high-quality images, stabilises position |  |
| EG-600WR<br>EI-580BT<br>EG-580UT/UR                                  | Bleeding                    | EG-760CT; (EI-580BT); EI-740D/S                              | WCH 3.2; WCH 3.8; dual channel, stabilises position     |  |
| EG-58001/0R<br>EG-530NP  | Tumors                      | EG-760Z; EG-760R; EG-720R;<br>EG-760CT; EG-600WR; (EI-580BT) | Magnification, high-quality images, stabilises position | EG-580UT/UR                            |

<sup>\*</sup> Working Channel

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



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