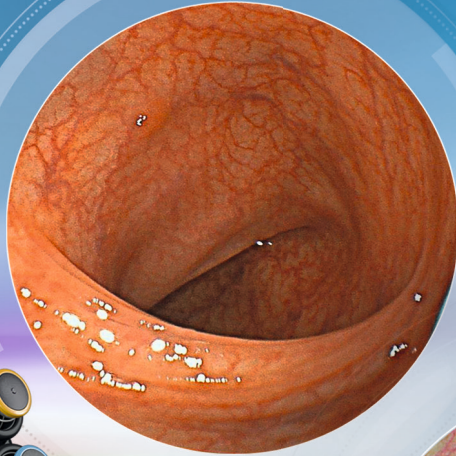


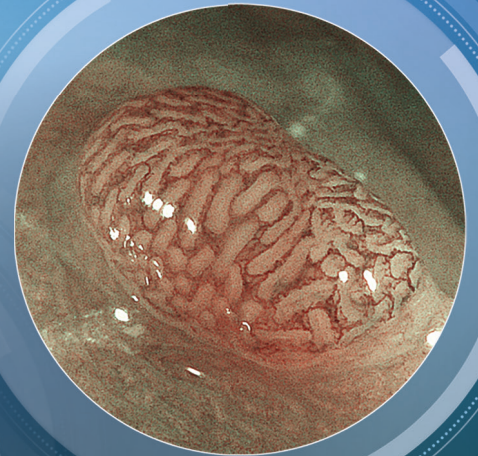
ELUXEO™

WITH MULTI LIGHT™
TECHNOLOGY

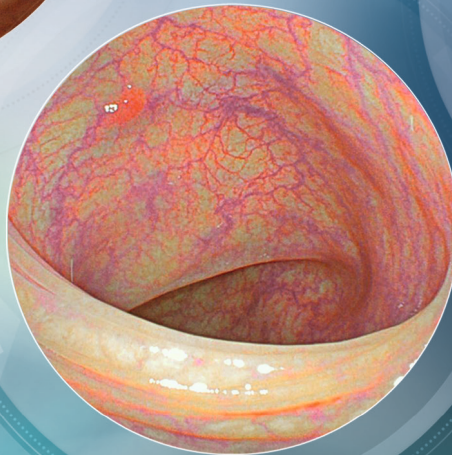
WHITE LIGHT
IMAGING



BLI MODE
(ZOOM)



LCI MODE



DISCOVER LIGHT ENHANCED ENDOSCOPY

FUJIFILM
Value from Innovation



GASTROENTEROLOGY

OPTIMISING YOUR DAILY WORK WITH OUR **INNOVATIVE SOLUTIONS**



ELUXEO™
Endoscopy System

CONTENT

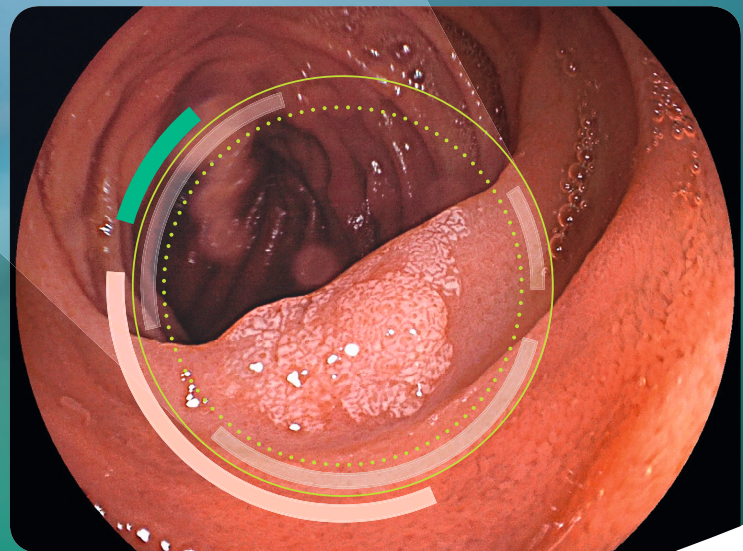
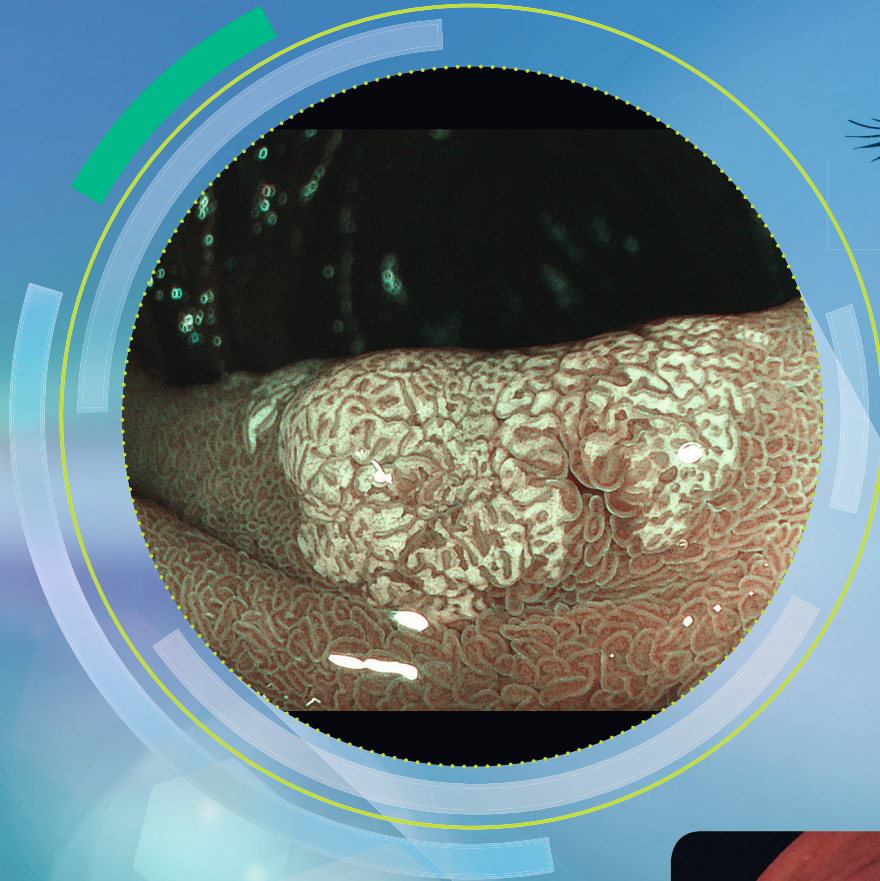
About Fujifilm	2
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GASTROENTEROLOGY

THE NEW DEFINITION OF LIGHT: **MULTI LIGHT™ TECHNOLOGY**



SEE MORE. DETECT MORE.

Achieving optimal diagnostic and therapeutic results in endoscopic procedures is highly dependent on image quality. As the world's largest imaging company, our long-standing experience in medical imaging has allowed Fujifilm's engineers to develop Multi Light™ technology, fulfilling the need for improved visualisation in endoscopy – today and in the future.

This new high performance illumination system is the latest innovation in Fujifilm's medical device portfolio, and ensures that the quality of imaging meets the highest standards in brightness and contrast providing the innovative observation modes LCI and BLI.

Specifically designed for the new illumination system, the ELUXEO™ 700 series of endoscopes featuring Multi Zoom and Freeze function allow for greater differentiation and provide detailed high-resolution imaging for both diagnosis and pre-therapeutic assessment.

OPTIMAL ILLUMINATION USING VARIABLE LED LIGHT INTENSITY

The diagram illustrates the integrated light source on the left, which emits a spectrum of light. This light is shown illuminating the mucosal layers (Mucosa and Submucosa) of the gastrointestinal tract. The BLI (Blue Light Imaging) mode is shown as a high-contrast image where blood vessels are clearly visible. The White Light mode is shown as a standard endoscopic view. A graph below the diagram shows the Haemoglobin absorption spectrum (dotted line) and the BLI Spectrum Profile (solid line), highlighting that short-wavelength light around 410 nm is strongly absorbed by haemoglobin.

Integrated Light Source

Mucosa

Submucosa

BLI (Blue Light Imaging)

White Light

Haemoglobin absorption

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

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

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



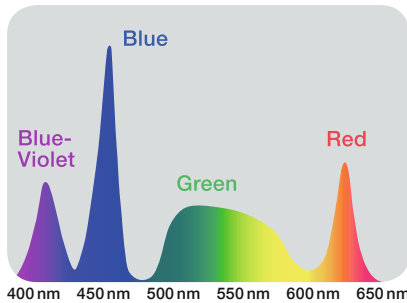
OPTIMAL LIGHT CONFIGURATION FOR EXCELLENT VISUALISATION



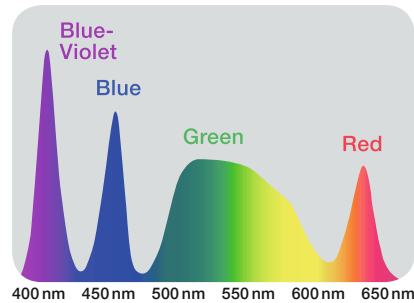
High-intensity illumination based on Multi Light™ technology creates high-quality images with White Light Imaging and the observation modes LCI (Linked Colour Imaging) and BLI (Blue Light Imaging). With the involvement of numerous clinical experts, the ideal composition of four LEDs for each observation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

OPTIMAL LIGHT CONFIGURATION OF FOUR LEDs

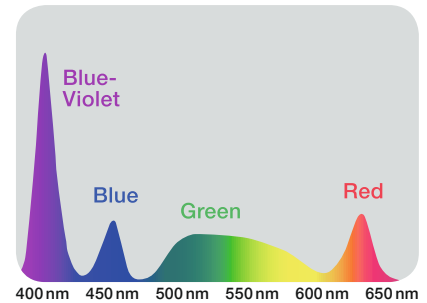
WHITE LIGHT IMAGING



LCI MODE

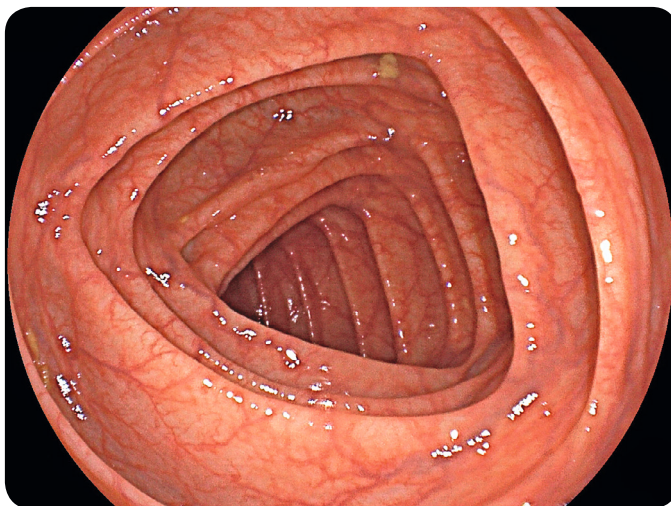


BLI MODE

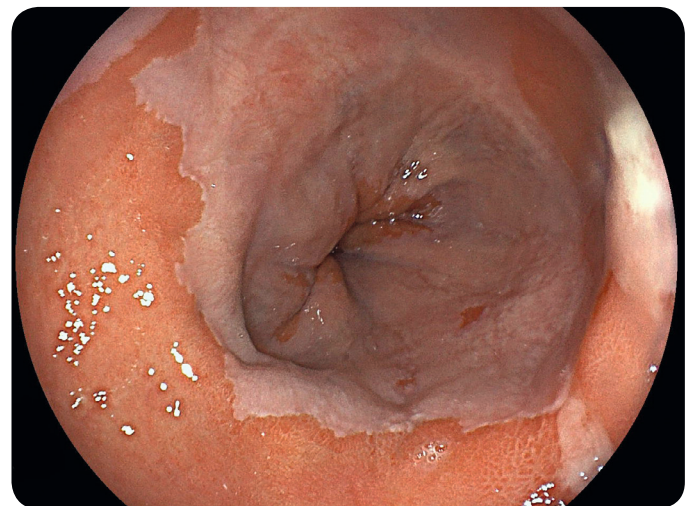


WHITE LIGHT IMAGING

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



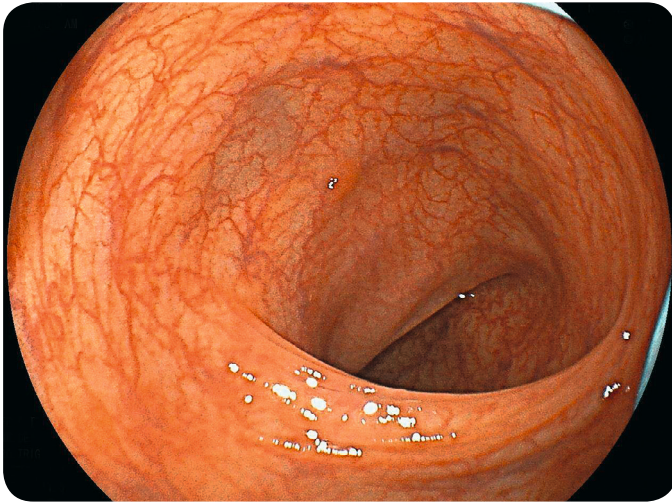
Colon – White Light Imaging



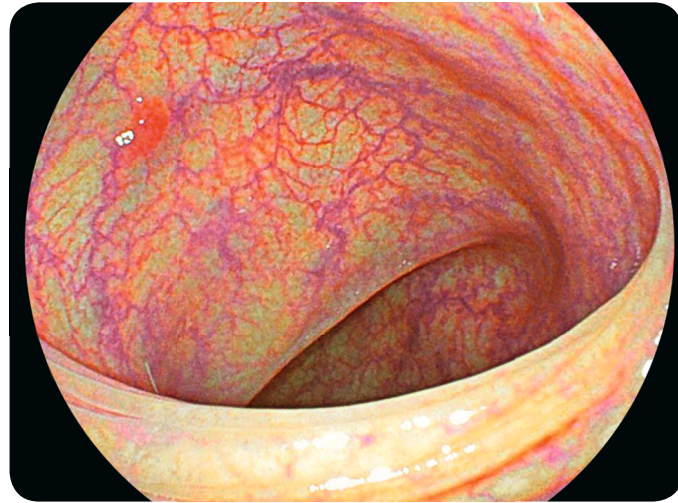
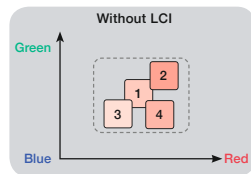
Oesophagus – White Light Imaging

LCI (LINKED COLOUR IMAGING) MODE

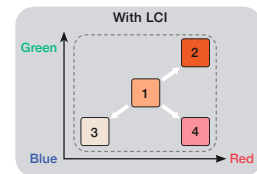
LCI differentiates the red colour spectrum more effectively than White Light Imaging thanks to its optimal pre-process composition of light spectrum and advanced signal processing. The increased colour contrast improves detection of lesions or inflammation and results in more accurate delineation.



Oesophagus – White Light Imaging

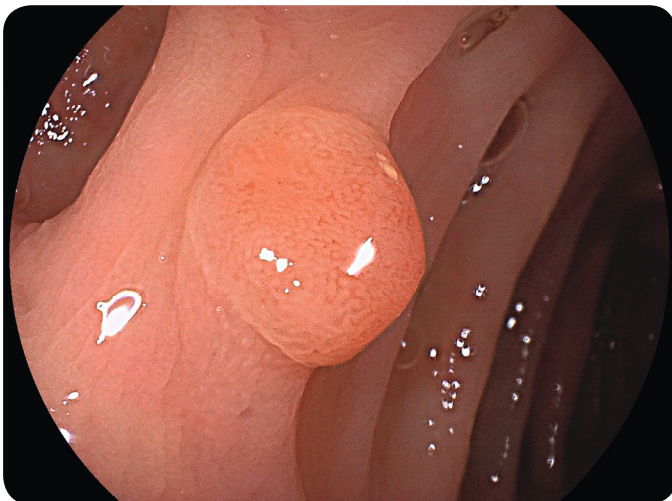


Oesophagus – LCI Mode

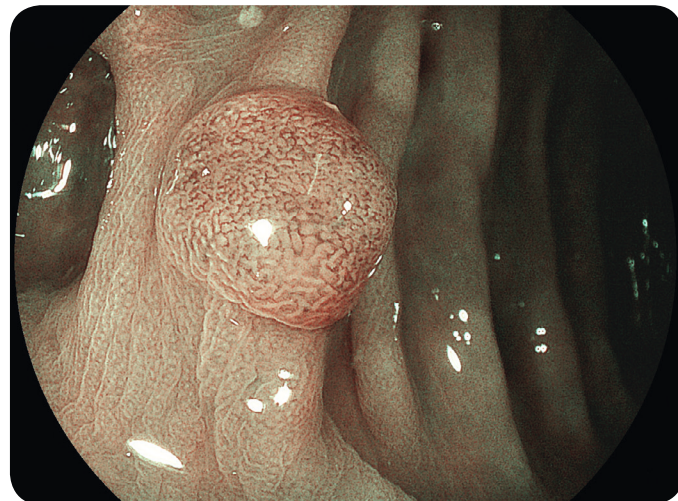


BLI (BLUE LIGHT IMAGING) MODE

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



Colon – White Light Imaging



Colon – BLI Mode



GASTROENTEROLOGY

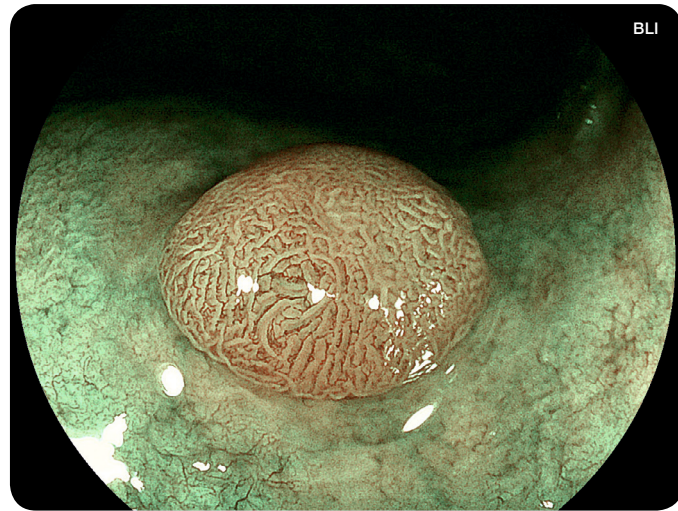
135 x MULTI ZOOM FOR DETAILED CHARACTERISATION



OPTICAL MAGNIFICATION

The easy-to-control Step Zoom function supports efficient work of the optical zoom with a simple press of a button. Users are able to choose between the 2-, 3- or 5-Step modes or continuous zoom mode to meet individual needs and adjust to the preferred setting for the endoscopic procedure.

Fujifilm's unique Multi Zoom serves with a maximum optical magnification of 135 x to provide a highly detailed image of the mucosal surface and vascular patterns.



2-Step Zoom with a magnification of about 60 x

VARIOUS MULTI ZOOM MODES



Mode	Magnification setting				
	Normal	Low (about 60 x)	Middle (about 85 x)	High (about 100 x)	Maximum (135 x)
2-Step Zoom	●	●			
3-Step Zoom	●	●	●		
5-Step Zoom	●	●	●	●	●
Continuous Zoom	■				

EG-760Z video gastroscope and EC-760ZP video colonoscope are equipped with the Multi Zoom function



3-Step Zoom with a magnification of about 85 x

SMOOTH OPERATION

The location of the switch button on the endoscope has been optimised. Due to improved ergonomic design, switching to the next zoom level is even easier and more straight forward, facilitating precise and comfortable manoeuvrability of the endoscope.



5-Step Zoom with a magnification of about 135 x



GASTROENTEROLOGY

OPTIMISED HANDLING

PLUG IN AND PROCEED



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

ONE-STEP CONNECTOR FOR EASY PLUG-IN

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



G7 GRIP FOR OPTIMUM 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 optimises performance and minimises stress during clinical procedures.



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

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



GASTROENTEROLOGY

CMOS TECHNOLOGY BRILLIANCE RIGHT FROM THE TIP

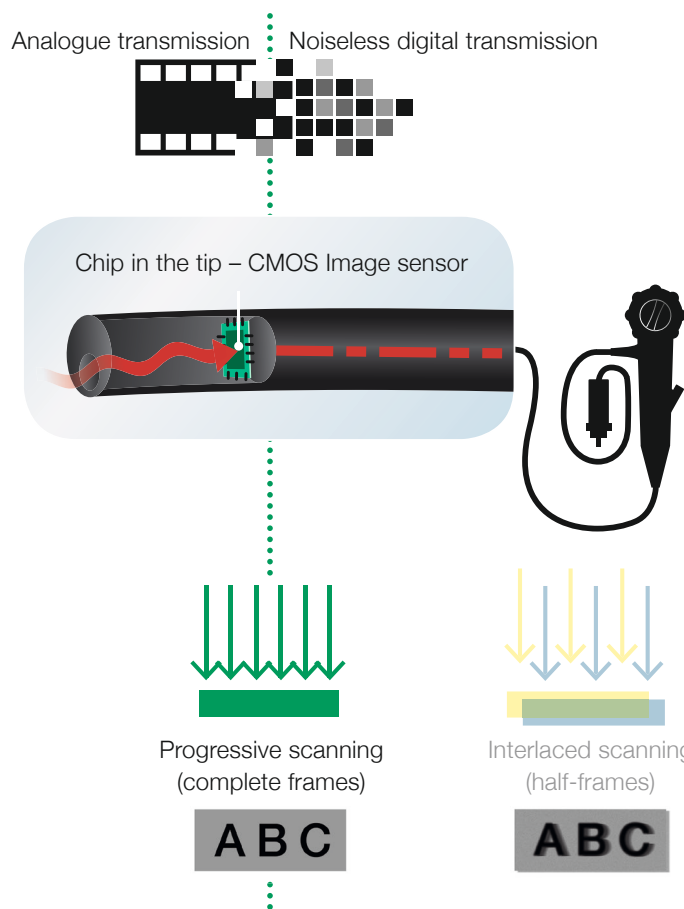


**CMOS - CHIP
IN THE TIP**

**ANTI-BLUR
IMAGES**

FUJIFILM'S LEADING-EDGE CMOS TECHNOLOGY WITH MEGAPIXEL  

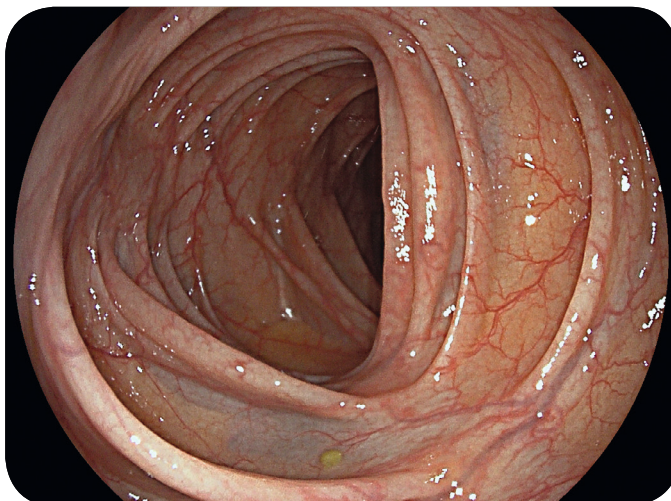
With the unique CMOS chip built directly into the tip of the scope, the signal is digitally transmitted through the device, thus providing outstanding high-resolution imaging. All 760 endoscopes are equipped with CMOS.



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

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

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

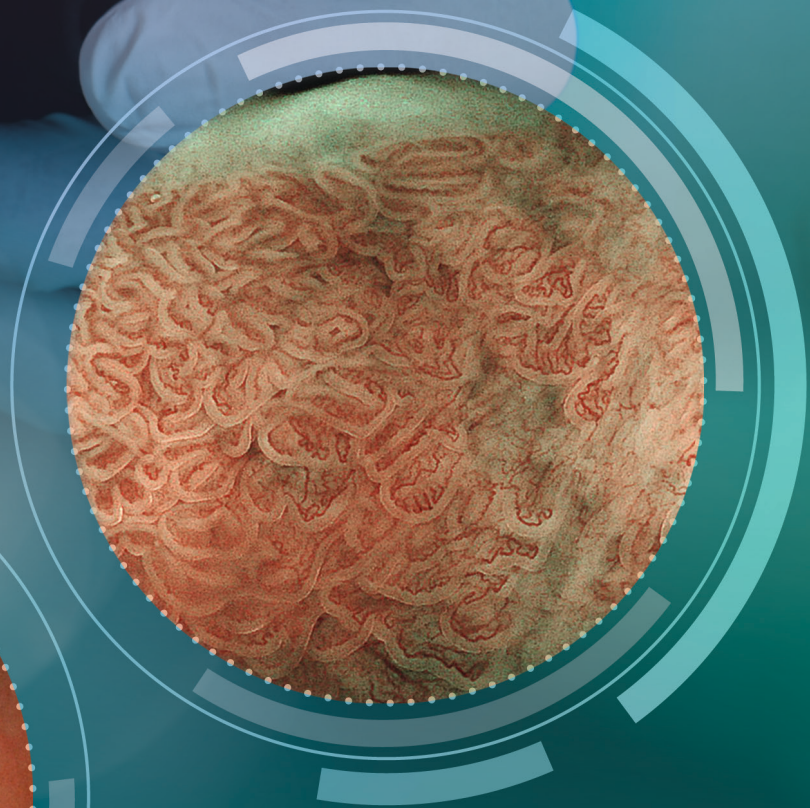
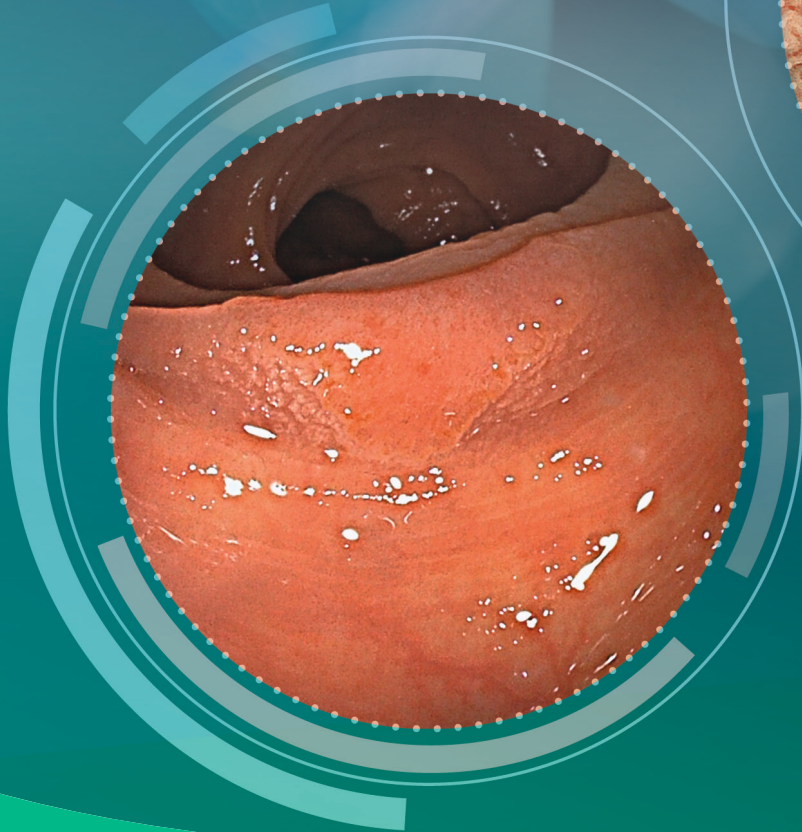


Colon in super high resolution

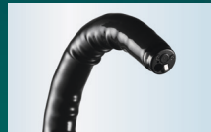


GASTROENTEROLOGY

700 SERIES ENDOSCOPES FOR COMFORTABLE EXAMINATIONS

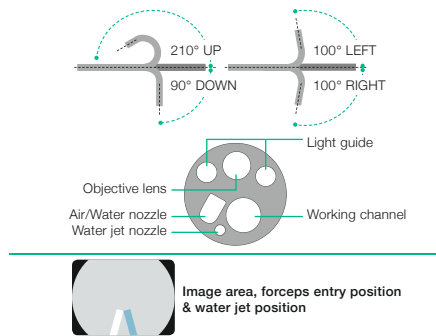


Design Award Winner
ELUXEO™ EC-760ZP-VM / VL



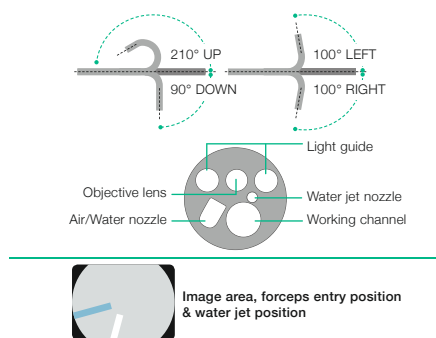
UPPER GI ENDOSCOPY

ELUXEO™ VIDEO GASTROSCOPE EG-760R



This routine gastroscope from the ELUXEO™ 700 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.

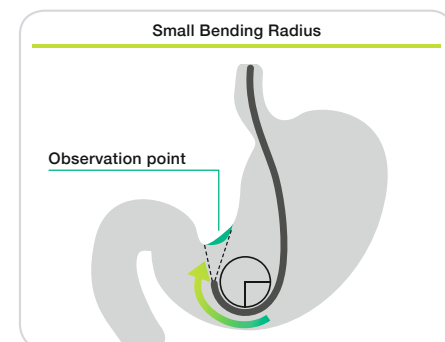
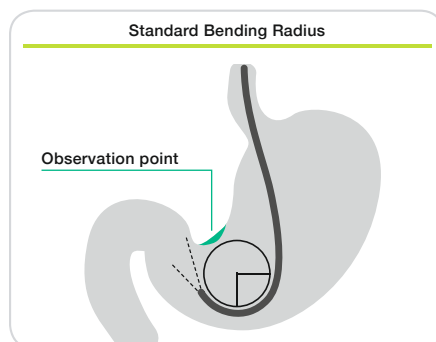
ELUXEO™ VIDEO GASTROSCOPE EG-760Z Optical Magnification



This zoom gastroscope features the well-known 135 x Multi Zoom which leads to clear and more detailed visualisation, allowing deeper analysis of mucosal structures. It has a small bending radius and similar functionality to the routine gastroscope including all features.

SMALL BENDING RADIUS

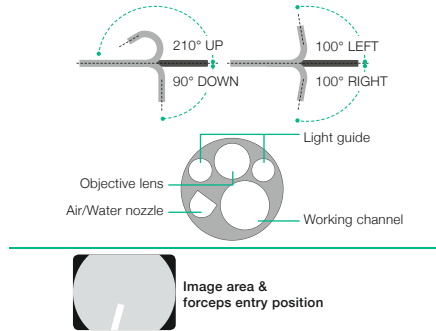
The EG-760Z features a tight bending section radius with improved angulation. This allows the endoscope to approach the targeted observation point and lesion more easily and with less effort.





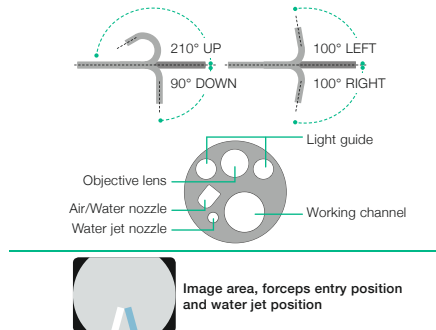
UPPER GI ENDOSCOPY

NEW ELUXEO™ VIDEO GASTROSCOPE EG-740N UltraSlim Type



This ultraslim gastroscop with a distal end diameter of 5.8 mm is particularly suited to paediatric use and for cases featuring stenosis. The slim distal end also supports a soft transnasal insertion and reduces patient discomfort.

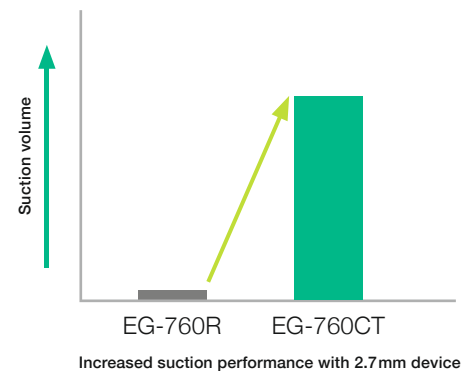
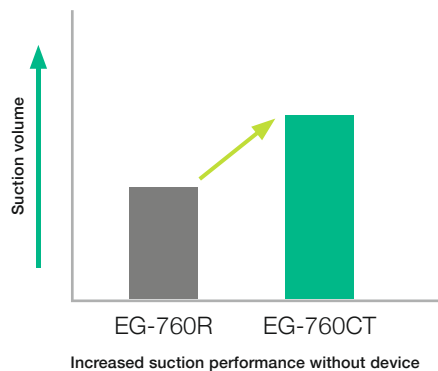
ELUXEO™ VIDEO GASTROSCOPE EG-760CT Therapeutic Type



This gastroscop from the ELUXEO™ 700 series is equipped with a large 3.8 mm working channel that is especially suitable for therapeutic procedures compared to the standard gastroscop EG-760R with a working channel of 2.8 mm. In addition to therapeutic use, the gastroscop features LCI for improved detection and BLI for characterising lesions, making it an excellent gastroscop for observation.

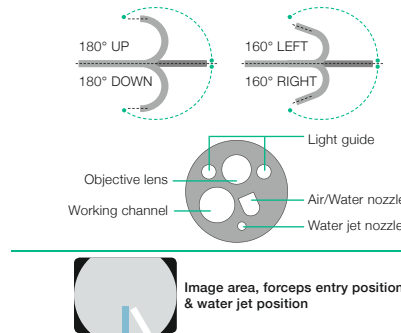
ENLARGED WORKING CHANNEL FOR IMPROVED SUCTION PERFORMANCE

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.



LOWER GI ENDOSCOPY

ELUXEO™ VIDEO COLONOSCOPE EC-760R-VM / VI / VL

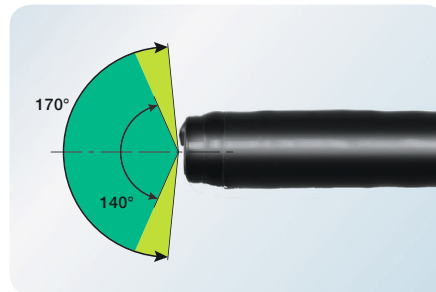


With a wide field of view of 170° as well as a large working channel diameter of 3.8 mm, this is the ultimate routine colonoscope. It features the G7 grip and the Flexibility Adjuster. In addition, it has a slim diameter of 12.0mm and includes a water jet function and CMOS technology.

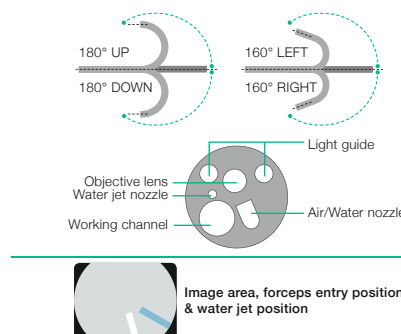
WIDE 170° FIELD OF VIEW



With video colonoscope EC-760R, a wide 170° field of view is available. Even areas that are hard to observe, such as the reverse side of folds, can be visualised more easily.



ELUXEO™ VIDEO COLONOSCOPE EC-760ZP-VM / VL Optical Magnification

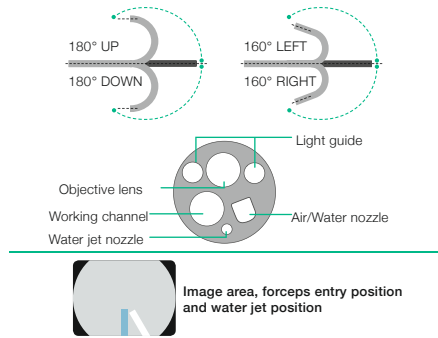


The slim zoom colonoscope features the brilliant and easy-to-operate Multi Zoom with 135x maximum magnification. Together with BLI, exceptional details of the mucosal and vascular patterns become visible. Like the routine scope, it features the full range of functionalities including flexible adjustment even with the slim diameter of 11.8mm.



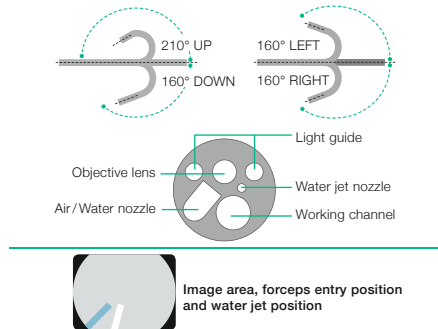
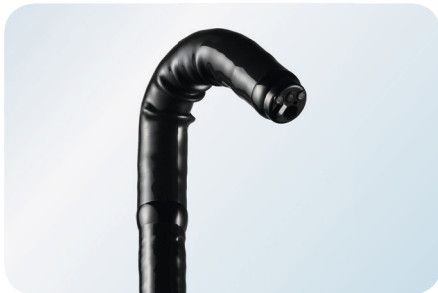
LOWER GI ENDOSCOPY

NEW ELUXEO™ VIDEO COLONOSCOPE EC-760P-VM / VL Paediatric Type



This ultraslim colonoscope from the ELUXEO™ 700 series has a distal end diameter of only 11.1 mm and is therefore especially suitable for the paediatric 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.

ELUXEO™ VIDEO COLONOSCOPE EC-740TM / TL 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 especially suitable for more challenging anatomies and paediatric use, where it can be applied in cases of stenosis, severe inflammation, or anatomical adhesion. With the additional observation modes – LCI for improved detection and BLI for characterising lesions – this provides an excellent colonoscope for both observation and therapeutic procedures.

SMART BEND

Smart Bend provides excellent manoeuvrability, observation and therapeutic treatments from 210° up-angulation and a small bending radius, allowing treatment of difficult-to-reach lesions.



Smart bend colonoscope



Colonoscope without smart bend



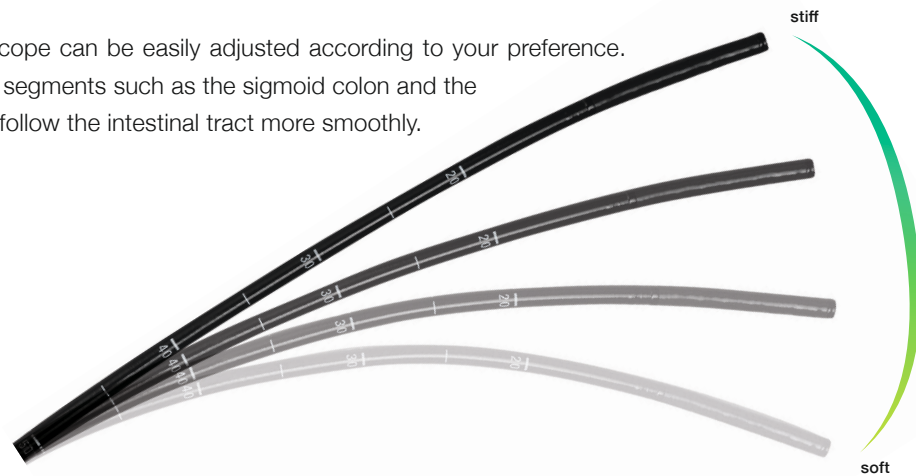
Fujifilm's renowned ColoAssist has been optimised for the ELUXEO™ 700 series colonoscopes and now includes the Flexibility Adjuster for easier insertion in addition to advanced force transmission and adaptive bending.

COLOASSIST ADJUST

ColoAssist Adjust has been specifically developed for the 760 series colonoscopes. It features the Flexibility Adjuster with different levels of stiffness as well as innovative Advanced Force Transmission and Adaptive Bending for improved manoeuvrability and more patient comfort. EC-760R, EC-760ZP and EC-760P are equipped with ColoAssist Adjust.

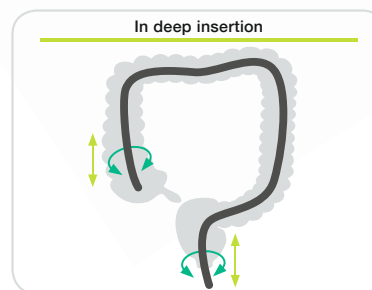
FLEXIBILITY ADJUSTER

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



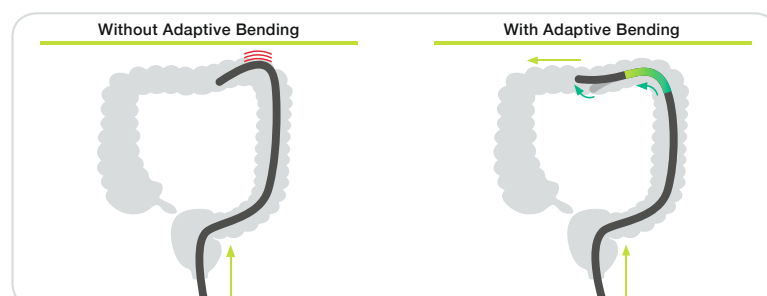
ADVANCED FORCE TRANSMISSION

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



ADAPTIVE BENDING

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

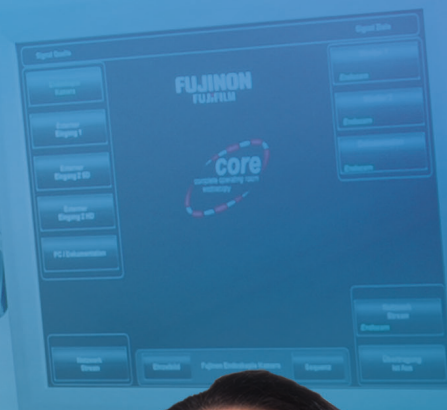




GASTROENTEROLOGY

SUPERIOR ENDOSCOPIC SYSTEM WITH MULTI LIGHT™ TECHNOLOGY

RADIANCE® ULTRA 27"



Design Award Winner
ELUXEO™ BL-7000 and VP-7000



ELUXEO™ 7000 HD Full HD ENDOSCOPE

VIDEO PROCESSOR VP-7000



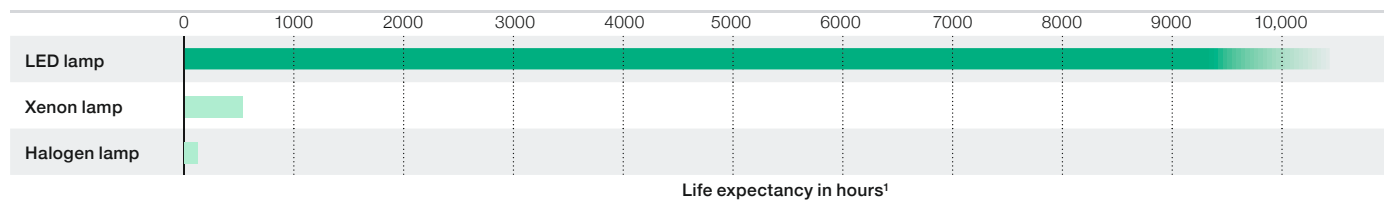
LIGHT SOURCE BL-7000

The ELUXEO™ endoscopy system provides a unique and outstanding solution that combines superior illumination with excellent operational modalities. Its 4-LED Multi Light™ technology makes it an eco-friendly system with longer durability that is designed to optimise daily practice.

4-LED MULTI LIGHT™ SOURCE WITH HIGH DURABILITY
ELUXEO™ BL-7000



A reliable light source is a prerequisite for use in large clinics as well as smaller outpatient centres to ensure procedures can take place as scheduled. To achieve the highest standards, the eco-friendly ELUXEO™ 7000 system features the innovative 4-LED Multi Light™ Source, which outperforms conventional Xenon or Halogen light sources: With a 10,000 hours¹ average life expectancy of the LED lights, the ELUXEO™ system has a far longer durability while having a much lower energy consumption, resulting in a better cost-efficiency.



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.²

HIGH PERFORMANCE VIDEO PROCESSOR
ELUXEO™ VP-7000



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



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



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



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

¹ Based on Fujifilm's recommended conditions.
² This Warranty is only valid according to the terms and conditions of the Durability Warranty Policy.



EXCELLENT MONITOR **HD** Full HD endoscopy RADIANCE® **ULTRA 27"**

The Radiance® Ultra 27" LED backlight is the brightest in the industry¹, providing a typical luminance of 900 cd/m² at 6500K colour temperature. This provides improved visualisation in high ambient light environments by overcoming glare and reflection. It also increases the usable contrast ratio and enhances visualisation of recessed anatomy. Proprietary Medi-Match™ colour calibration in combination with the Intelliguard™ backlight stabilisation system delivers superior image consistency from one display to the next, over years of continuous operation. It has a user friendly design that makes it quick and easy to clean, for easy control of infection and enhanced clinical efficiency.

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

Manufactured by NDS Surgical Imaging
info@ndssi.com

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

¹ The highest output luminance at the industry standard colour temperature of 6500K.

OUR **SERVICE** COMMITMENT

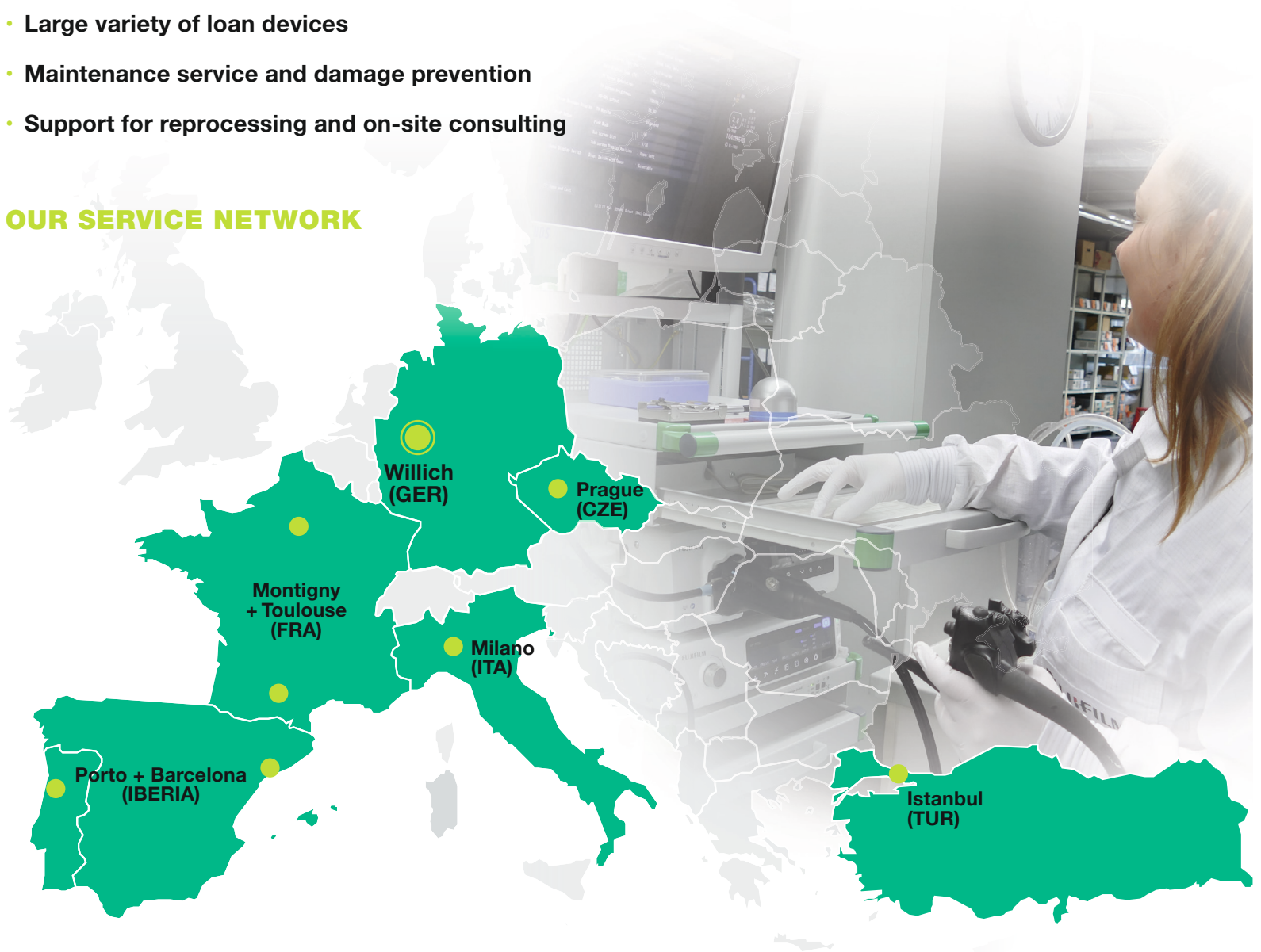
THINK GLOBALLY – ACT LOCALLY

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

OUR FULL COMPREHENSIVE SERVICE CONTRACT COVERS:

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

OUR SERVICE NETWORK



**ADVANCING DEEPER INSIGHTS
IN ENDOSCOPY**

FUJIFILM

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