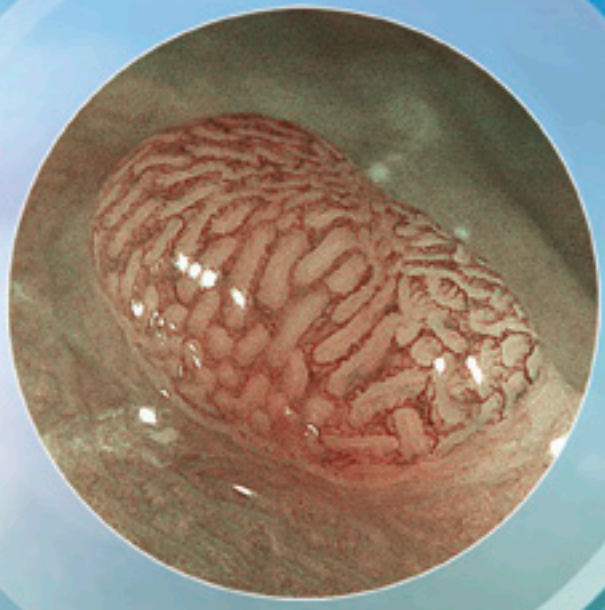
ELUXEO™

BLI-EQUIPPED



EXPERIENCE THE POWER OF LIGHT

FUJIFILM

Value from Innovation

GASTROENTEROLOGY

MAKING YOUR DAILY WORK **EASIER**

Fujifilm is a pioneer in diagnostic imaging and information systems for healthcare facilities.

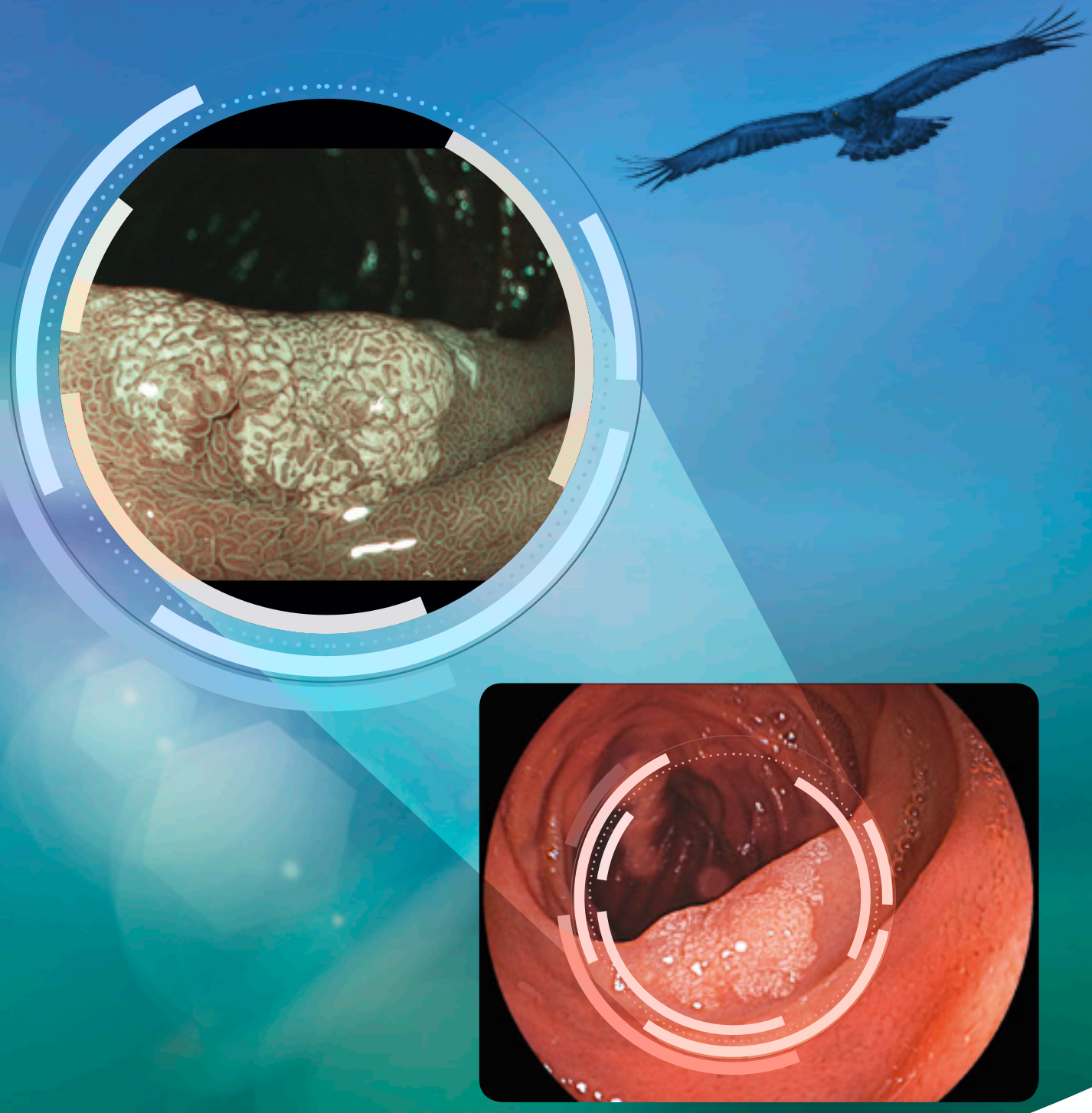
Today, Fujifilm is also engaging in the research of regenerative medicine using ex-vivo cultured human cells for the treatment of damaged organs and tissues.

We are constantly refining our clinically-proven products and technologies to help medical professionals perform their work more effectively and efficiently, setting new standards in endoscopy.

CONTENT

GASTROENTEROLOGY

THE NEW DEFINITION OF LIGHT **4-LED**



FUJIFILM
Value from Innovation

MULTI LIGHT TECHNOLOGY™

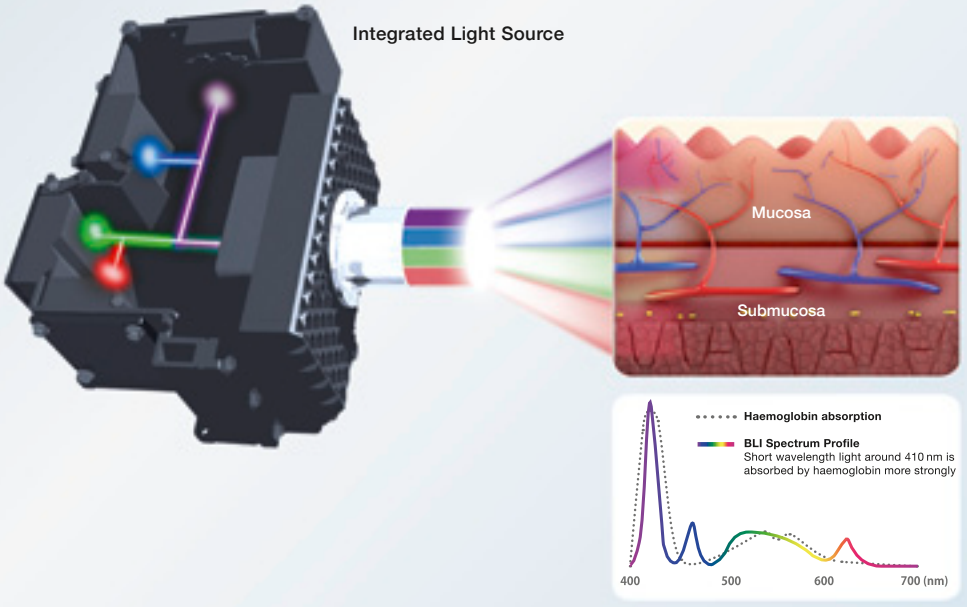
SEE MORE. DETECT MORE.

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 4-LED 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 BLI and LCI.

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




BLI (Blue Light Imaging)


White Light

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

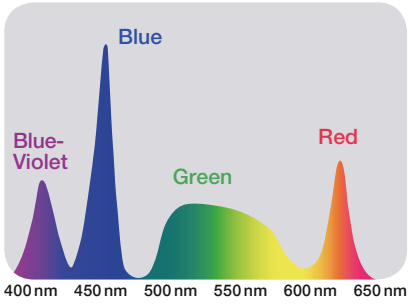
This drawing is for illustration only and not a complete representation.

UNIQUE MULTI LIGHT TECHNOLOGY

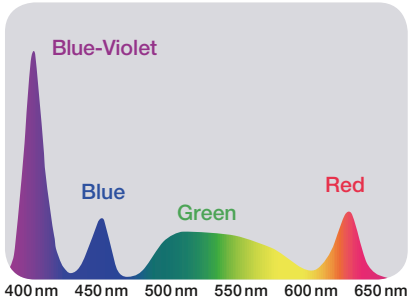
High-intensity illumination based on 4-LED Multi Light technology™ creates high-quality images with White Light and the new observation modes BLI (Blue Light Imaging) and LCI (Linked Color Imaging). With the involvement of numerous clinical experts, the ideal composition of four LEDs for each observation 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

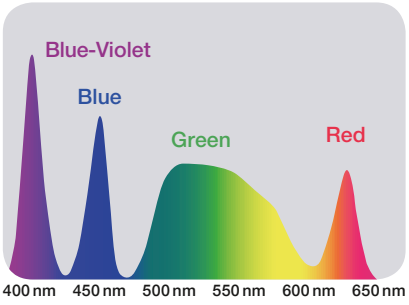
WHITE LIGHT MODE



BLI MODE

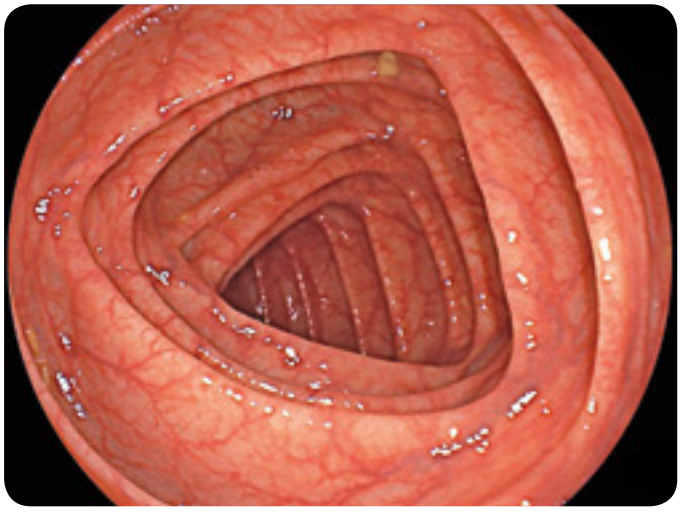


LCI MODE

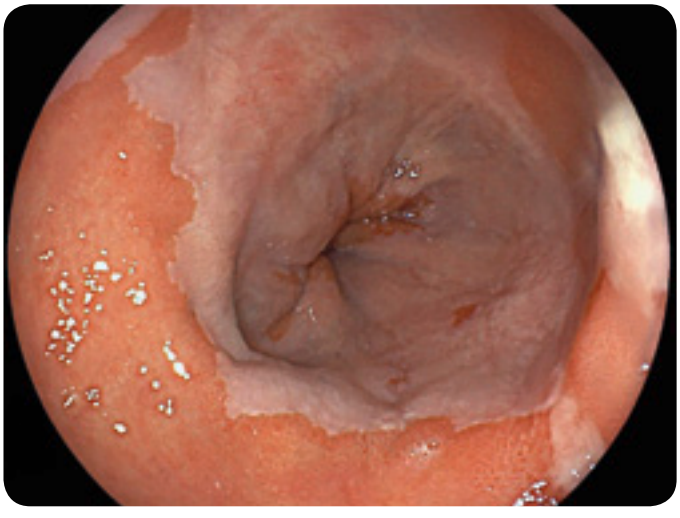


WHITE LIGHT MODE

The new endosopic 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 Mode



Oesophagus – White Light Mode

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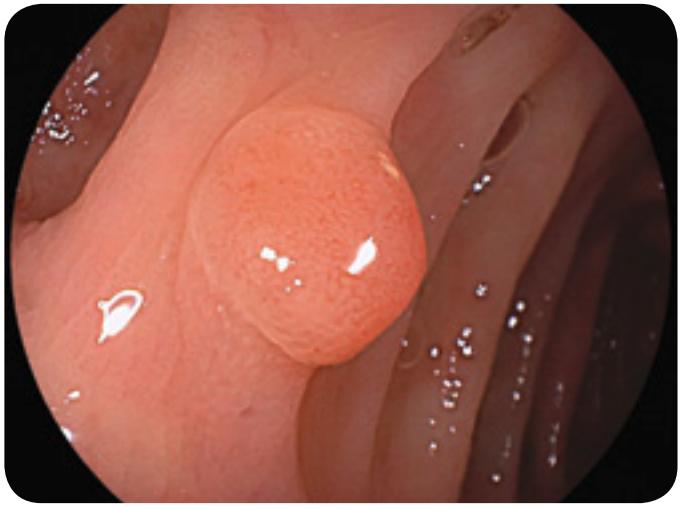
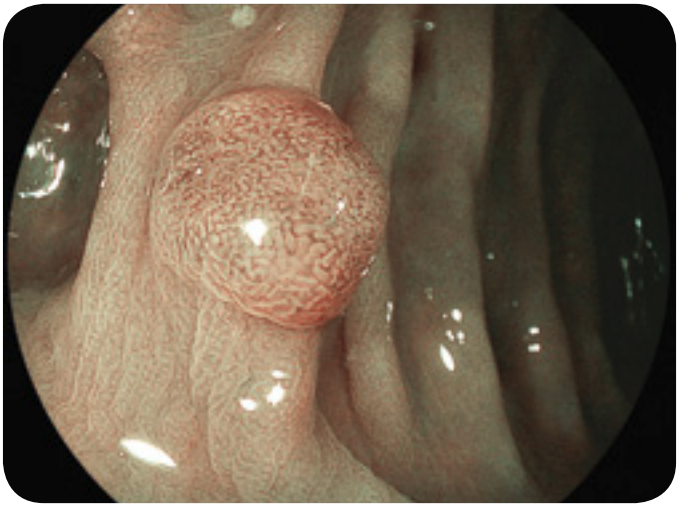
FOR EXCELLENT VISUALISATION

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 410 nm) combined with specific white light spectral colours results in improved and accurate contrast imaging.



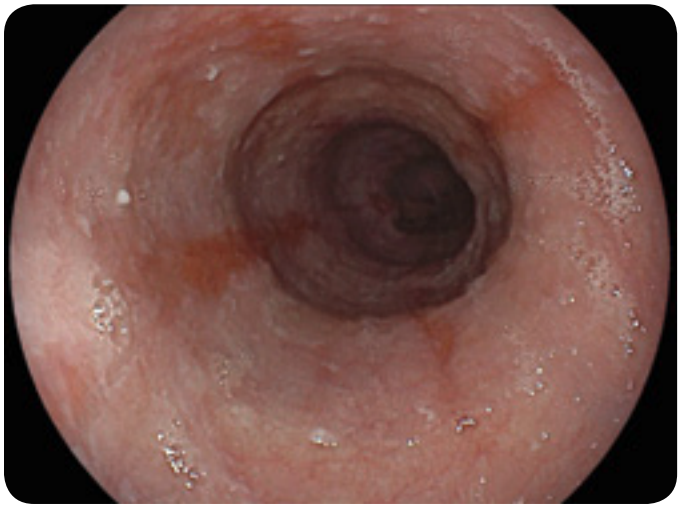
Colon – White Light Mode



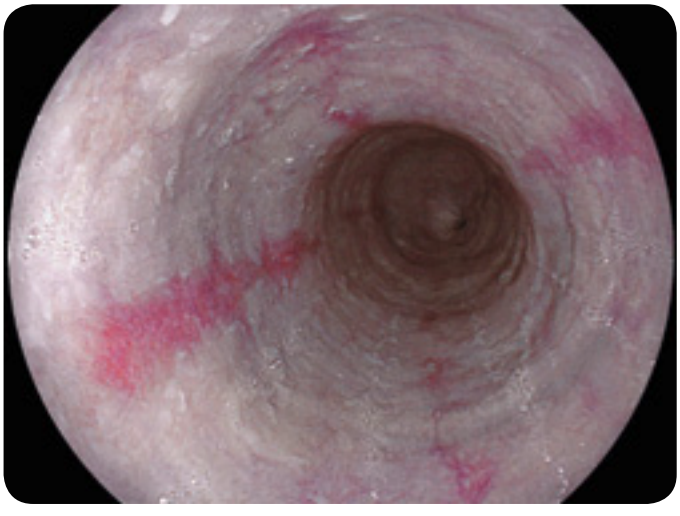
Colon – BLI Mode

LCI (LINKED COLOR IMAGING) MODE

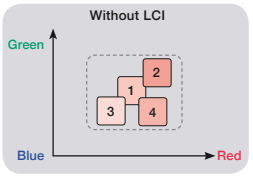
Compared to White Light imaging, LCI enhances differences in the red colour spectrum by advanced post-processing steps. The increased contrast in red colour leads to improved detection of inflammation and accurate delineation.

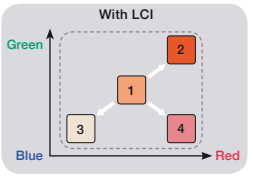


Oesophagus – White Light Mode



Oesophagus – LCI Mode





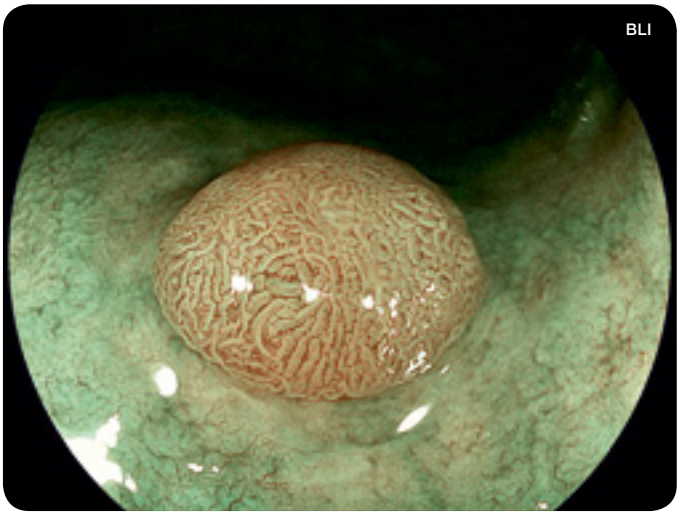
135 x MULTI ZOOM FOR DETAILED

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.

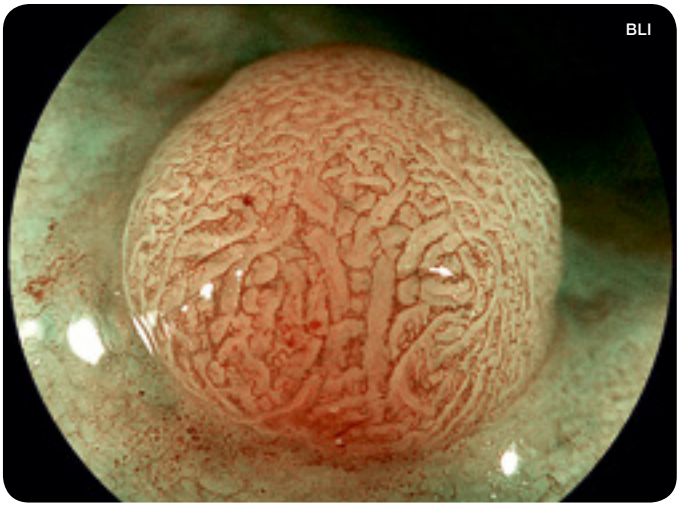


2-Step Zoom with a magnification of about 60 x

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	●	●	●	●	●
Continous 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

OPTIMISED HANDLING PLUG IN AND

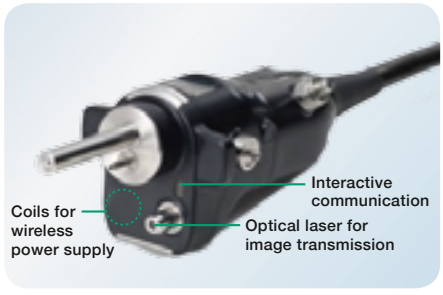
FUJIFILM
Value from Innovation

PROCEED

The new 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

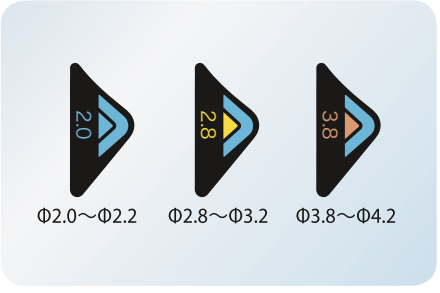
The One-Step Connector can be plugged in easily, and the 700 series endoscopes are the first to incorporate an integrated wireless power supply that provides high speed transmission of data. The new design helps to simplify the cleaning process and also reduces the potential for accidental damage.



NEW 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 new 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 instrument channel size
3 Instrument channel diameter
4 Corporate brand logo
5 Model No.



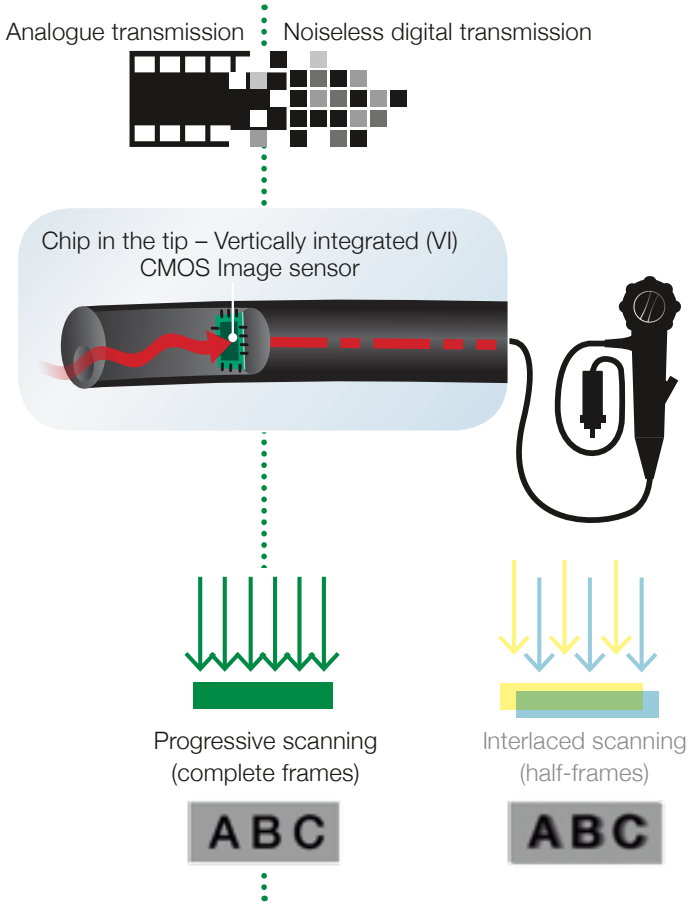
Each 700 series endoscope displays the information required to choose compatible accessories, which helps to facilitate on-the-spot decision making.

CMOS TECHNOLOGY BRILLIANCE

RIGHT FROM THE TIP

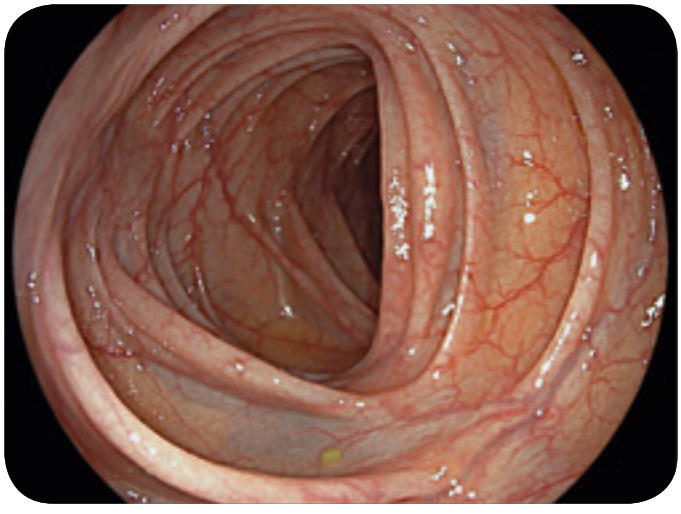
FUJIFILM'S LEADING-EDGE CMOS TECHNOLOGY WITH MEGAPIXEL

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 700 series 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 outstanding high-resolution image quality and smooth moving images with dramatically reduced blurring.

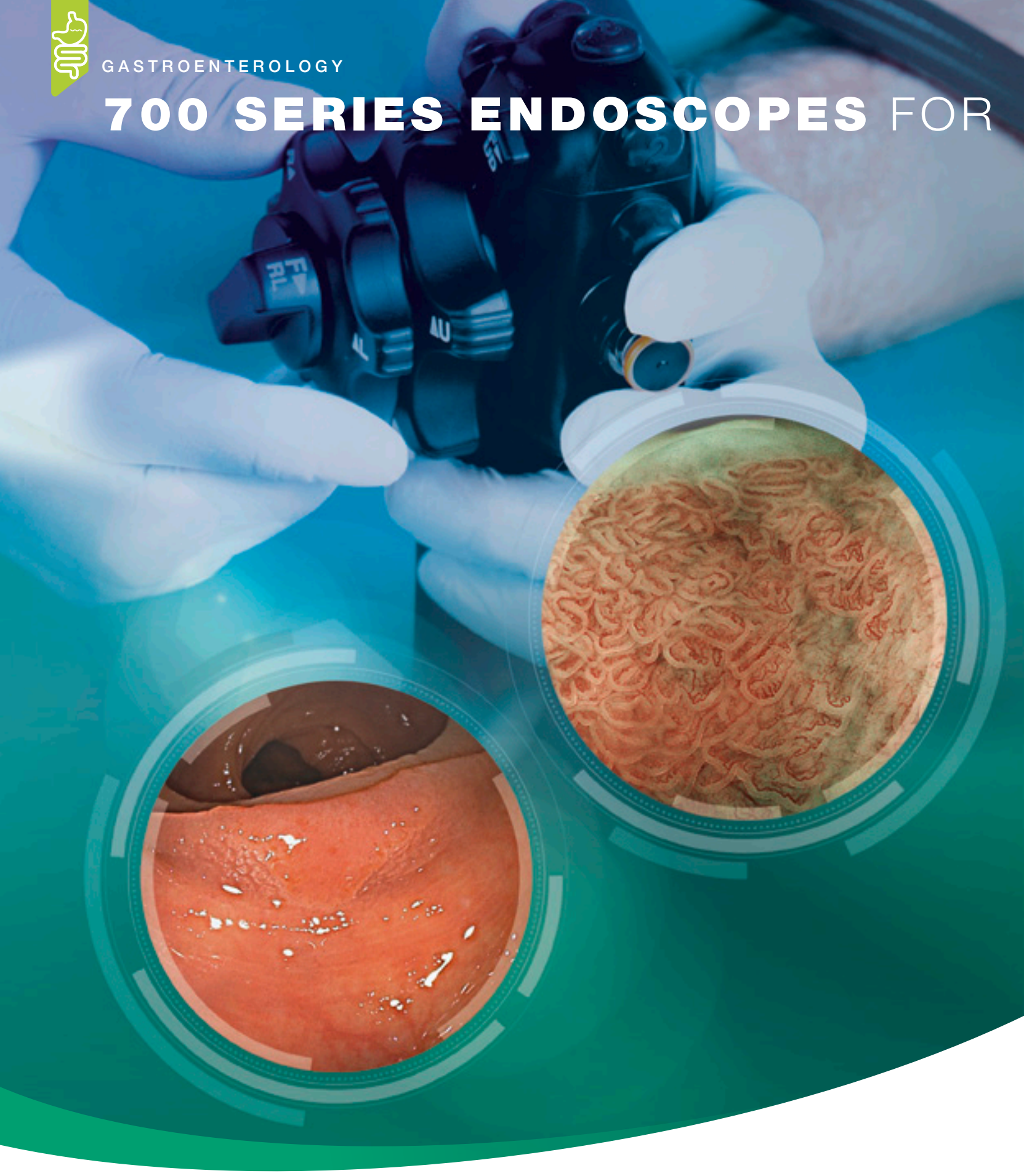


Colon in super high resolution

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

GASTROENTEROLOGY

700 SERIES ENDOSCOPES FOR



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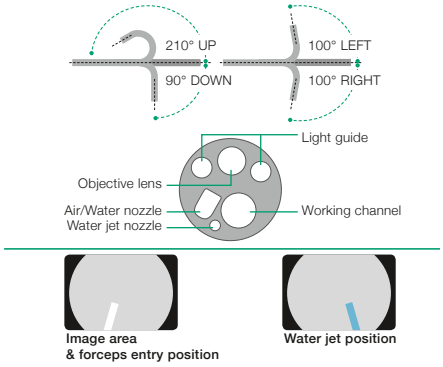
COMFORTABLE EXAMINATIONS

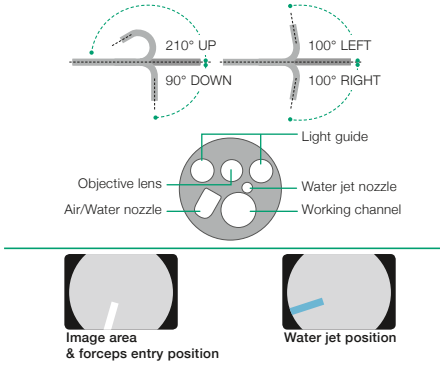
UPPER GI ENDOSCOPY

VIDEO GASTROSCOPE EG-760R



This routine gastroscope from the new 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.

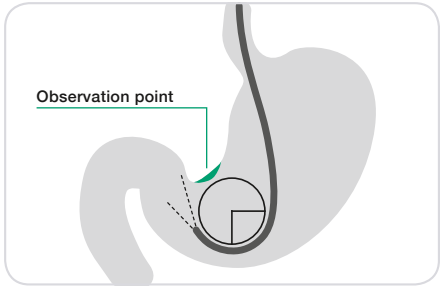
VIDEO GASTROSCOPE EG-760Z



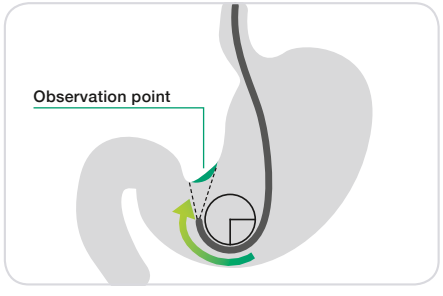
This zoom gastroscope features the well-known 135 x Multi Zoom which leads to clear and more detailed visualisation, allowing deeper analysis of mucosal structures. It has a small bending radius and similar functionality to the routine gastroscope including all features.

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.



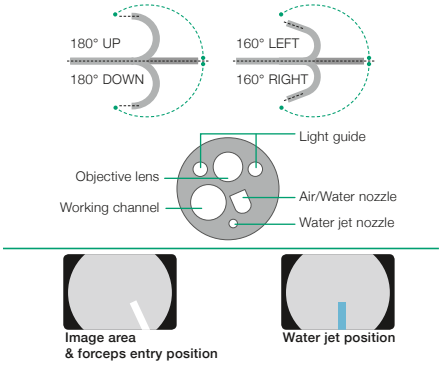
Standard Bending Radius



Small Bending Radius

LOWER GI ENDOSCOPY

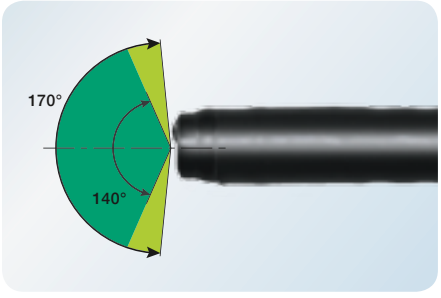
VIDEO COLONOSCOPE EC-760R-VM / VI / VL



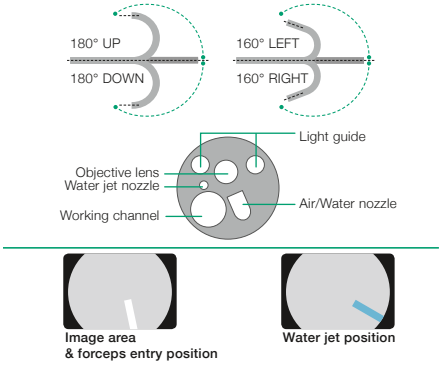
With a wide field of view of 170° as well as a large working channel diameter of 3.8 mm, this is the ultimate routine colonoscope. It features the new G7 grip and the Flexibility Adjuster. In addition, it has a slim diameter of 12.0 mm and includes a water jet function and CMOS technology.

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.



VIDEO COLONOSCOPE EC-760ZP-VM / VL



The slim zoom colonoscope features the brilliant and easy-to-operate Multi Zoom with 135 x 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 11.8 mm.

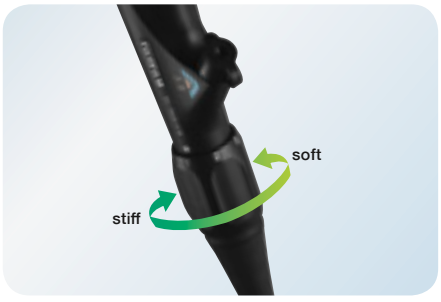
Fujifilm's renowned ColoAssist has been optimised for the ELUXEO™ 700 series colonoscopes and now includes the Flexibility Adjuster for easier insertion in addition to advanced force transmission and adaptive bending.

COLOASSIST ADJUST

ColoAssist Adjust has been specifically developed for the 700 series colonoscopes. It features innovative advanced force transmission and adaptive bending, as well as different levels of stiffness for improved manoeuvrability and more patient comfort. EC-760R and EC-760ZP are equipped with ColoAssist Adjust.

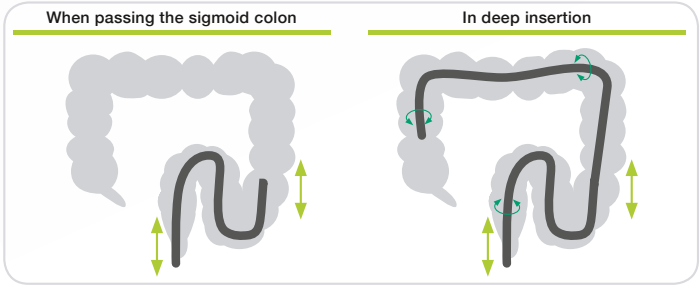
FLEXIBILITY ADJUSTER

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 more smoothly follow the intestinal tract.



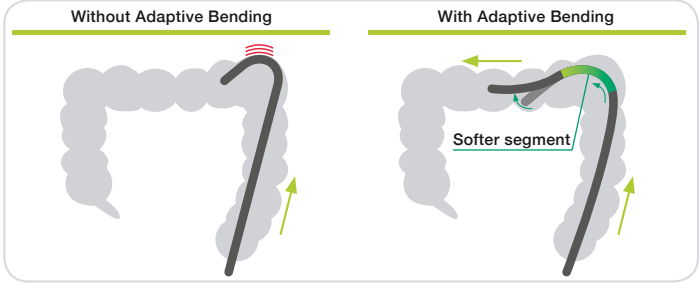
ADVANCED FORCE TRANSMISSION

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.



SUPERIOR ENDOSCOPIC SYSTEM WITH

FUJIFILM
Value from Innovation

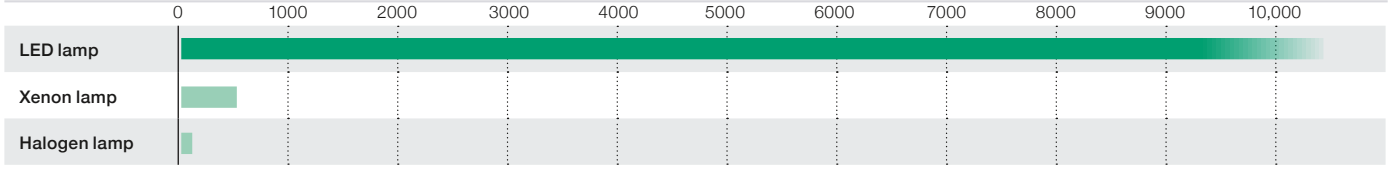
MULTI LIGHT TECHNOLOGY

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

FUJIFILM group
Green Policy

4-LED LIGHT SOURCE WITH HIGH DURABILITY
BL-7000

A reliable light source is a prerequisite for use in large clinics as well as smaller outpatient centres to ensure procedures can take place as scheduled. To achieve the highest standards, the eco-friendly 7000 system features the innovative 4-LED light source, which is outstanding in terms of longevity and low energy consumption. The new LED light source reduces time-consuming and frequent changes of light bulbs. The average life expectancy of LED lights is 10,000 hours[1].



Life expectancy in hours[1]

HIGH PERFORMANCE VIDEO PROCESSOR
VP-7000

The ELUXEO™ video processor VP 7000 enables you to make use of the many features provided by Fujifilm's wide range of 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.

MONITOR WITH SUPERIOR GLASS
RADIANCE® ULTRA 27"

The Radiance® Ultra 27" LED backlight is the brightest in the industry[2], providing a typical luminance of 900 cd/m² at 6500°K 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.

1 Based on Fujifilm's recommended conditions.
2 The highest output luminance at the industry standard colour temperature of 6500°K.

ADVANCING DEEPER INSIGHTS IN ENDOSCOPY

FUJIFILM

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