

ENDOSCOPY SYSTEMS

ENDOSOLUTIONS FOR PULMONOLOGY

FROM
SCREENING TO
TREATMENT

FUJIFILM
Value from Innovation

FUJIFILM

Value from Innovation

COMPANY

Unchanging Values	4
Developing Technologies	6
Experiencing Endoscopy	10
Daily Pulmonology Practice	12

PRODUCTS

Bronchoscopes	15
Ultrasonography Systems	26
Light Sources & Processors	29
Simulation Tool	33
Miscellaneous	37
Monitors & Carts	39

SERVICE

Service & Partnership	43
Training & Education	46



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



BLI (Blue Light Imaging)

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

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

Fujifilm also constantly improves the handling aiming to ease daily work for physicians: Therefore a new control portion for the EB-710P bronchoscope was developed to support handling capabilities during the procedure.



SELECTION OF OUR TECHNOLOGIES



MULTI LIGHT TECHNOLOGY

Illumination suitable for observation using variable LED light intensity.



LCI TECHNOLOGY

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



BLI TECHNOLOGY

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



CMOS TECHNOLOGY

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



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.



SUPER CCD TECHNOLOGY

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



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.



CLOSE FOCUS

Observation up to 2 mm supports diagnosis of the disease.



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 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.

IMPROVED ILLUMINATION USING VARIABLE LED LIGHT INTENSITY

Integrated Light Source

White Light Imaging

LCI (Linked Color Imaging)

BLI (Blue Light Imaging)

- A high-performance spectrum of light is generated from a powerful light source with four individual LED light bulbs.
- Specific light spectrum settings targeting the mucosal layers result in improved contrast and higher definition of imaging.

Haemoglobin absorption (dotted line)

BLI Spectrum Profile (solid line)

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

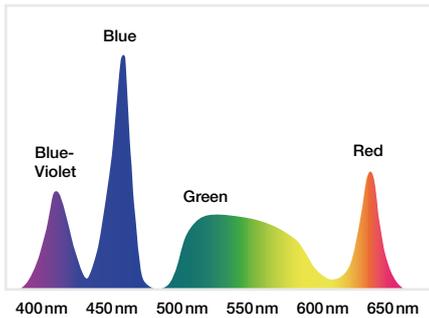
400 500 600 700 (nm)

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

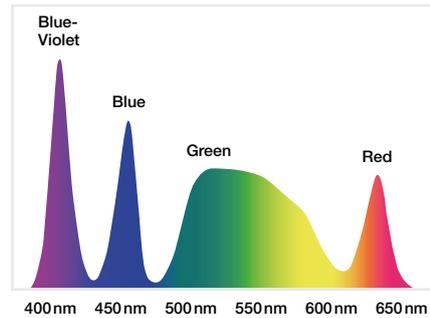
OBSERVATION MODES

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:

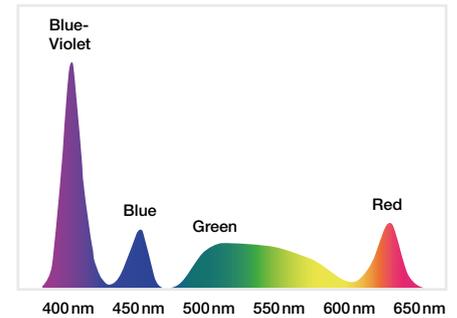
WHITE LIGHT IMAGING



LCI MODE

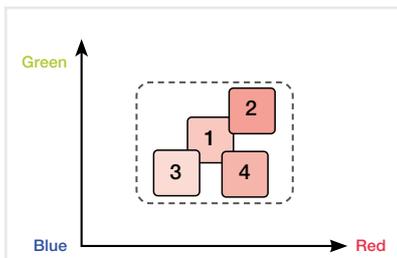


BLI MODE

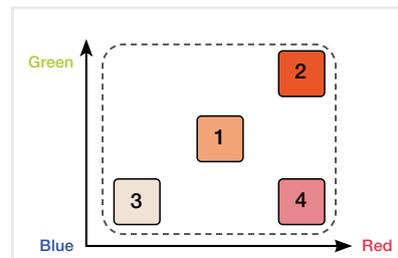


LCI (LINKED COLOR IMAGING) MODE

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.



WITHOUT LCI



WITH LCI

BLI (BLUE LIGHT IMAGING) MODE

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



EXPERIENCING ENDOSCOPY **FROM SCREENING TO TREATMENT**



RELIABLE GUIDANCE, IMPROVED OUTCOMES

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

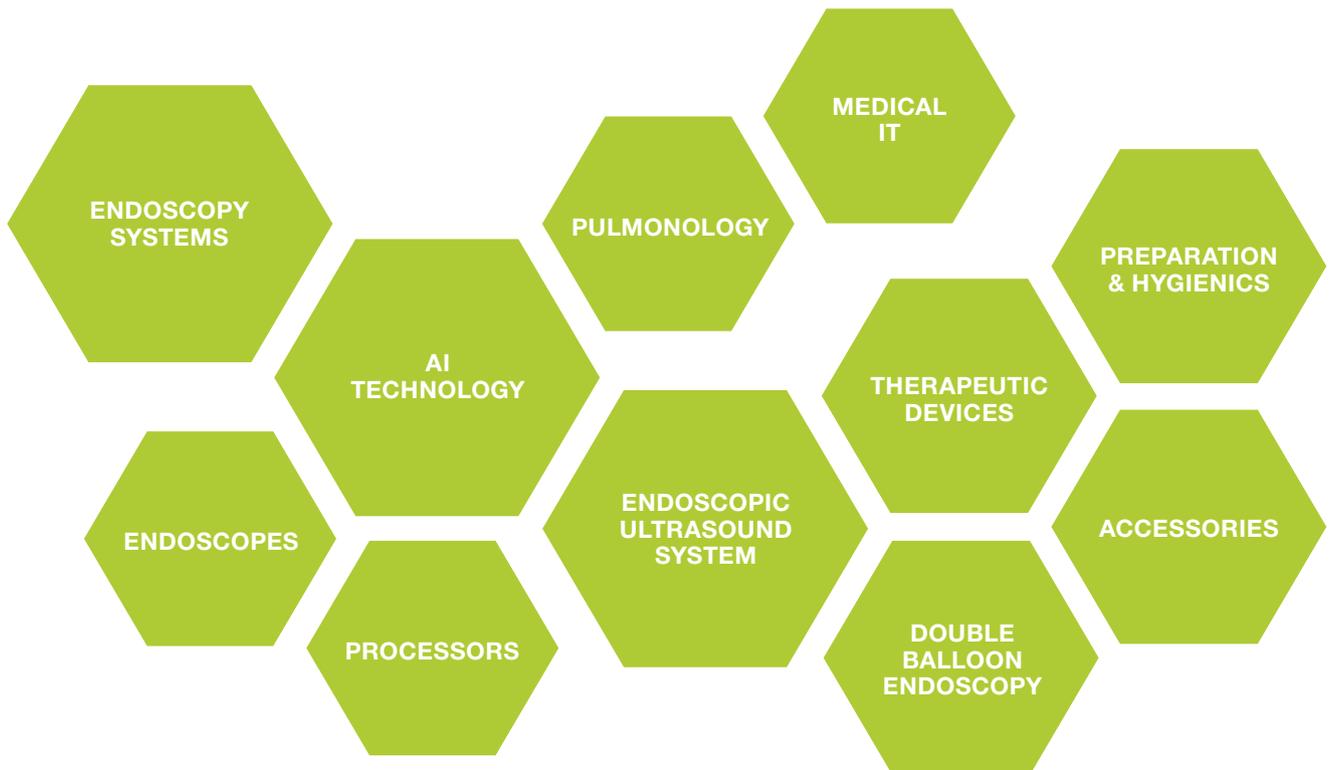
We regularly set new benchmarks, for example, with the introduction of the LED Multi Light technology providing the observation modes LCI and BLI, with devices for double balloon endoscopy as well as the effective Flamingo device to meet the therapeutic challenges of the buried bumper-syndrome.

PRODUCT PORTFOLIO

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

We have built an integrated portfolio of solutions which is 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 endoscopic solutions from screening to treatment.





DAILY **PULMONOLOGY 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.

Fujifilm is a healthcare company which can assist you with reliable x-ray equipment as well as a comprehensive bronchoscopy portfolio and state-of-the-art software to support from screening to treatment planning.

STEP 1: SCREENING



SCENARIO VIEW (CT)



FDR NANO (MOBILE X-RAY)

STEP 2: DIAGNOSIS



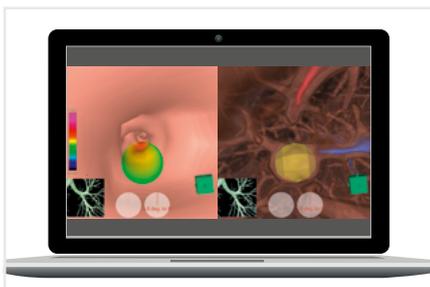
EB-530US ULTRASONIC BRONCHOSCOPE



EB-710P VIDEO BRONCHOSCOPE



PB2020-M2 ULTRASONIC MINIPROBE

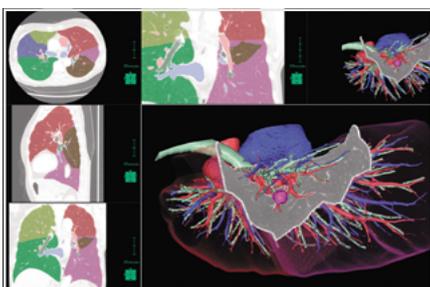


SYNAPSE LUNG ANALYSIS SCOPE



FDX Visionary CS

STEP 3: TREATMENT PLANNING



SYNAPSE LUNG ANALYSIS RESECTION



BRONCHOSCOPES



EB-710P | EB-580S | EB-580T | SBV-1 | EB-530US

Electronic Bronchoscopes	16
Fiberoptic Bronchoscopes	21
Single Use Bronchoscopes	22
Ultrasonography Systems	26
Mini Probe	28



EB-710P



VERSATILE & RELIABLE

The EB-710P slim standard bronchoscope supports the physicians' need to reach the periphery of the lung enabling them to obtain a diagnosis.



LCI & BLI MODE AVAILABLE

SLIM STANDARD TYPE

Design Award Winner
EB-710P



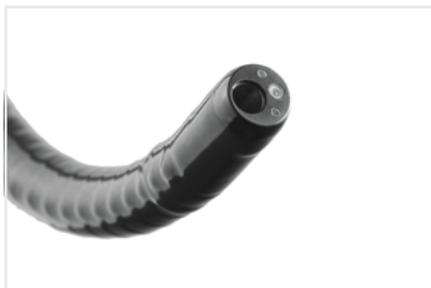
reddot winner 2022



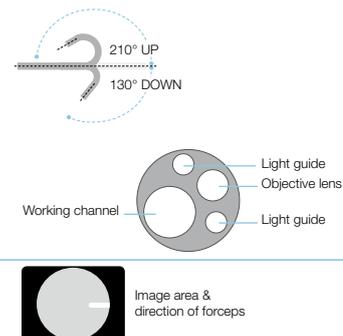
EB-710P ELUXEO VIDEO BRONCHOSCOPE Slim Standard Type



This slim standard video bronchoscope has a distal end diameter of 4.1 mm and a minimum instrument channel diameter of 2.0 mm. It is compatible with VP-7000 and EP-6000 processors. The One-Step Connector can be connected easily to the light source in a single step. The EB-710P is compatible with low temperature Hydrogen Peroxide Gas Plasma sterilisation.

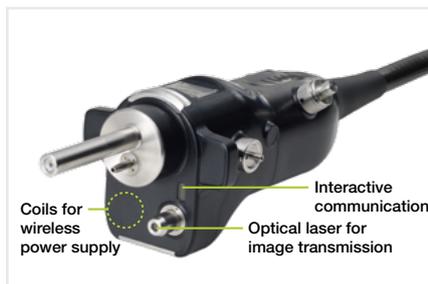


Field of view	120°
Viewing direction	0° (Forward)
Observation range	2 – 50mm
Bending capability	Up 210° /Down 130°
Distal end diameter	4.1 mm
Insertion tube diameter	4.1 mm
Minimum diameter of instrument channel	2.0 mm
Working length	600 mm
Total length	880 mm
Laser blocking filter	Diode LASER (810 nm) Nd-Yag LASER (1064nm)



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.



Rotation function

The new rotation function enables 120° rotation of the insertion portion.



Centre position



120° rotation

Enhanced control portion

New control portion equipped with a wider grip, new suction valve, and four switches. The new SUC valve SB-606 allows for easy connection to SUC tube. SB-606 & FV-003 are sterilised and single use.



SB-606



FV-003



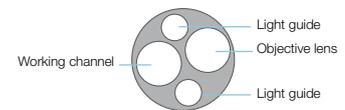
EB-580S VIDEO BRONCHOSCOPE *Standard Type*



The EB-580S provides great approach ability by an excellent bending capability (up-angle 210°), especially to the upper lobe bronchus (B1-B3). Fujifilm high resolution image sensor 580 Super CCD for vivid and high quality images and Close Focus can achieve increased secure screening and a more precise diagnosis.

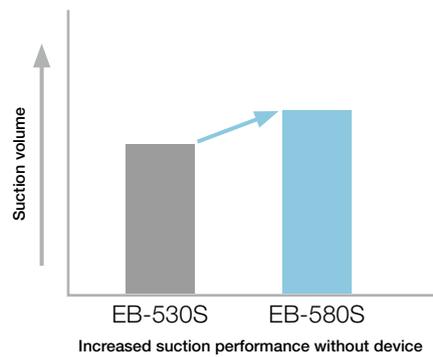


Field of view	120°
Observation range	2 – 100mm
Bending capability	Up 210°/Down 130°
Distal end diameter	5.3 mm
Insertion tube diameter	5.1 mm
Minimum diameter of instrument channel	2.2 mm
Working length	600 mm
Total length	870 mm
Laser blocking filter	Diode LASER (810 nm)



2.2 mm working channel for fast suction performance

Faster suctioning offers quicker vision recovery, even during bleeding and taking biopsy.



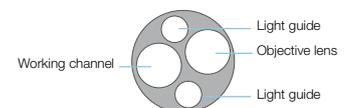
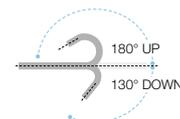
EB-580T VIDEO BRONCHOSCOPE *Treatment Type*



The larger working channel of 2.8 mm allows to use various therapeutic devices, and it provides accelerated suction of blood and bodily fluids for a clearer view during observation and treatment.



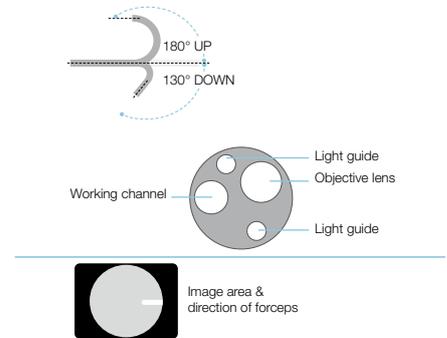
Field of view	120°
Observation range	2 – 100mm
Bending capability	Up 180°/Down 130°
Distal end diameter	5.8 mm
Insertion tube diameter	5.9 mm
Minimum diameter of instrument channel	2.8 mm
Working length	600 mm
Total length	870 mm
Laser blocking filter	Diode LASER (810 nm) Nd-Yag LASER (1064 nm)



EB-530P VIDEO BRONCHOSCOPE Slim Type



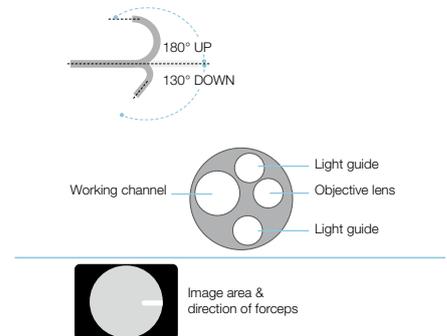
Field of view	120°
Observation range	3 – 100mm
Bending capability	Up 180° / Down 130°
Distal end diameter	3.8 mm
Insertion tube diameter	3.8 mm
Minimum diameter of instrument channel	1.2 mm
Working length	600 mm
Total length	890 mm
Laser blocking filter	Diode LASER (810 nm)



EB-530S VIDEO BRONCHOSCOPE Standard Type



Field of view	120°
Observation range	3 – 100mm
Bending capability	Up 180° / Down 130°
Distal end diameter	4.9 mm
Insertion tube diameter	4.9 mm
Minimum diameter of instrument channel	2.0 mm
Working length	600 mm
Total length	870 mm
Laser blocking filter	Diode LASER (810 nm)

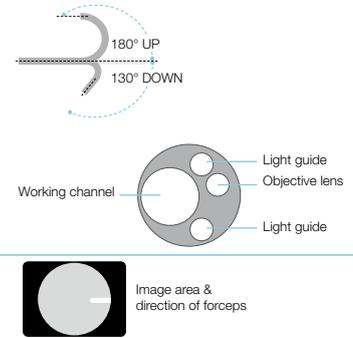




EB-530T VIDEO BRONCHOSCOPE Treatment Type



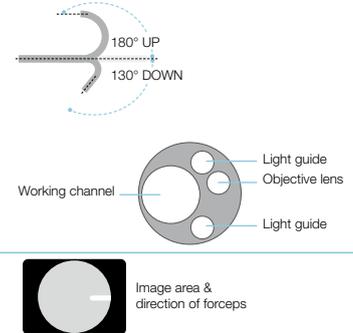
Field of view	120°
Observation range	3 – 100mm
Bending capability	Up 180° / Down 130°
Distal end diameter	5.8 mm
Insertion tube diameter	5.9 mm
Minimum diameter of instrument channel	2.8 mm
Working length	600 mm
Total length	870 mm
Laser blocking filter	Diode LASER (810 nm)



EB-530XT VIDEO BRONCHOSCOPE Treatment Type



Field of view	120°
Observation range	3 – 100mm
Bending capability	Up 180° / Down 130°
Distal end diameter	6.2 mm
Insertion tube diameter	6.3 mm
Minimum diameter of instrument channel	3.2 mm
Working length	600 mm
Total length	870 mm
Laser blocking filter	Diode LASER (810 nm)



VALVES



Product code	Material Code	Characteristics	Compatible bronchoscope	Unit
FV-001	16632659	Forceps valve	Series 580 / 530	10
SB-602	16133897	Suction valve	Series 580 / 530	20



FV-001



SB-602

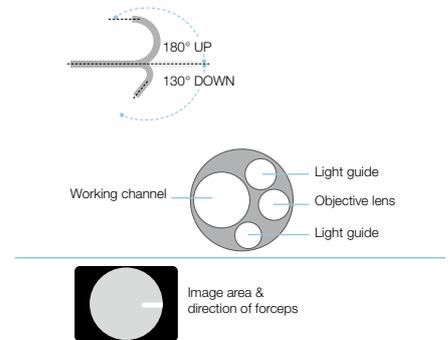


FB-120MP MOBILE FIBEROPTIC BRONCHOSCOPE

This mobile bronchoscope operates without a light cable, making examinations at the patient's side extremely versatile in clinical environments. The LED light source does not need to be changed for many years.



Field of view	120°
Observation range	1–50 mm
Bending capability	Up 180°/Down 130°
Distal end diameter	4.8 mm
Insertion tube diameter	4.9 mm
Minimum diameter of instrument channel	2.2 mm
Working length	600 mm
Total length	920 mm
HF compatibility	Yes



Durable battery

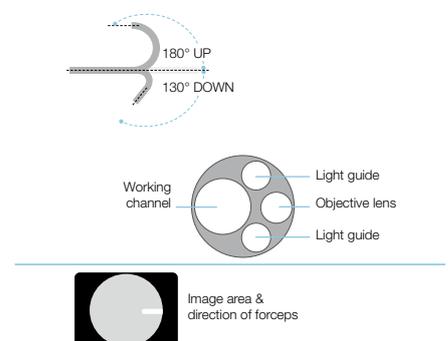
The smaller battery box, LA-1A, has a CR2 lithium battery for up to 60 minutes continuous use. A rotational mechanism makes the battery switch highly stable.



FB-120S/T FIBEROPTIC BRONCHOSCOPE

Fujifilm's fiberoptic bronchoscopes are compatible with high frequency therapeutic treatments and provide efficient methods of patient care, whether in intubation, examination or therapeutic situations.

	FB-120S	FB-120T
Field of view	120°	120°
Observation range	1–50 mm	1–50 mm
Bending capability	Up 180°/Down 130°	Up 180°/Down 130°
Distal end diameter	4.8 mm	5.9 mm
Insertion tube diameter	4.9 mm	5.9 mm
Minimum diameter of instrument channel	2.2 mm	2.8 mm
Working length	600 mm	600 mm
Total length	900 mm	900 mm





SBV-1



INGENUITY AND INSIGHT

Full range of single-use bronchoscopes for all the clinical needs of critical care and the bronchoscopy suite.

A larger working channel bronchoscope for interventional procedures. The plug and play system allows ease of use from standard to difficult or emergency procedures.



STERILISED

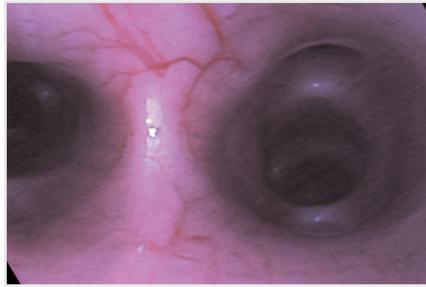
NO CROSS INFECTION

MAINTENANCE FREE

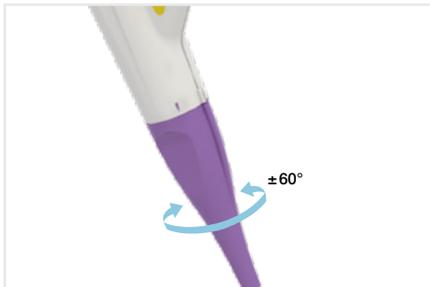
Manufactured by Scivita Medical Technology Co.Ltd



Wide and clear **field of vision** with 120° field of view and 0.5–120 mm depth of field, helps identify the pathological changes in the bronchial lumen.



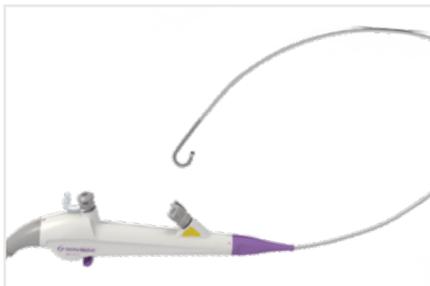
Superior optical performance
Accurately shows subtle details of the interiors of the bronchial tree.



The **±60° shaft rotation** supports a smoother insertion of the bronchoscope, optical adaptation during procedures and easier access to biopsy port.



The direction of the **suction button is adjustable**, which can prevent tangled pipes.



Slender and flexible design allows for **easier intubation** for the operator and procedural comfort for the patient.



Two-way bending 220° Up/Down supports smoother insertion into upper lobe bronchi.



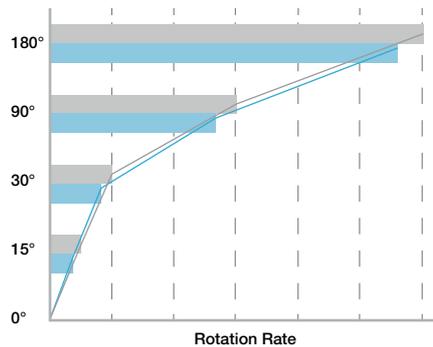
The passive bending function allows the bronchoscope to navigate the airways with ease; benefiting the patients' procedural experience.

Rotation Angle

Excellent manoeuvrability of the scope allows effective procedural operation.

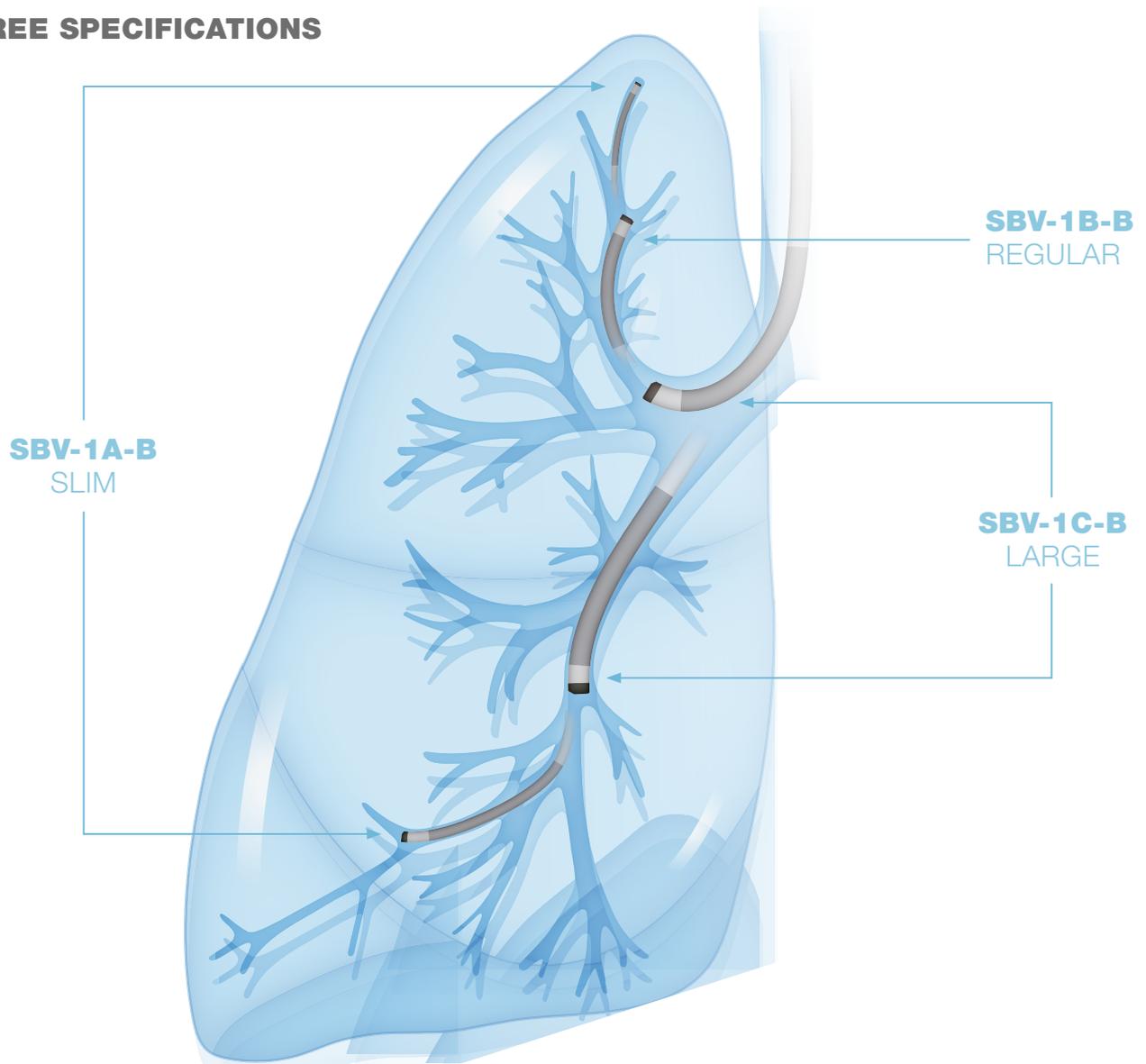
Control handle rotation Insertion part rotation

Data source: Obstructed rotation manoeuvrability internal test





THREE SPECIFICATIONS



SLIM



UltraSlim can reach even further. With SBV-1A-B, a Ø 2.8 mm insertion section combined with a Ø 1.2 mm working channel.

REGULAR



The most **versatile** bronchoscope. SBV-1B-B, with a slim Ø 4.2 mm insertion section combined with Ø 2.0 mm working channel.

LARGE

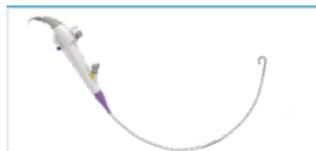


Therapeutic bronchoscope SBV-1C-B with a Ø 5.6 mm insertion section and a Ø 2.8 mm working channel. Large channel scope allows for excellent suction for lavage and airway management.

SBV-1 SINGLE USE BRONCHOSCOPE

THIRD PARTY PRODUCT

Model	Field of View	Observation range (mm)	Ø Insertion Section (mm)	Ø Working Channel (mm)	Working Length (mm)	Total Length (mm)	Angulation Range
SBV-1A-B	120°	0.5~120	2.8	1.2	600	920	220° Up/Down
SBV-1B-B	120°	0.5~120	4.2	2.0	600	920	220° Up/Down
SBV-1C-B	120°	0.5~120	5.6	2.8	600	920	220° Up/Down



SBV-1

HDVS-S100A PROCESSOR

THIRD PARTY PRODUCT

Model	Size WxHxD (mm)	Weight (kg)	Power Supply Requirement	Output	Interface	Function
HDVS-S100A	300 × 225 × 57	2.5	100-240V	DVI*1 SDI*2	Foot Switch USB	WHT-BAL, GAIN, FREEZE, ZOOM, LED, ENH/S-IMAGE, VIDEO, PHOTO, USB



HDVS-S100A



Foot Pedal

HDVS-S300 PORTABLE TOUCHSCREEN MONITOR

THIRD PARTY PRODUCT

Model	Special Features	Size WxHxD (mm)	Screen Size (mm)	Resolution (P)	Output	Weight (kg)	USB Interface	Storage	Battery Operation
HDVS-S300A	Sharpness Denoise, Gain	332 x 240 x 50	13.3" TFT	1920x1080	HDMIx1 SDIx1	2.3	1 x Type C 1 x Type A	Max 128 GB (int.) Add. 256 GB (ext.)	4h



HDVS-S300

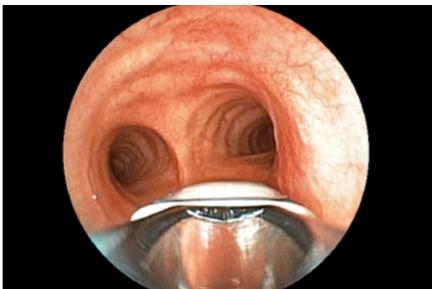


EB-530US & SU-1 PROCESSOR



HIGH QUALITY IMAGES

With its excellent manoeuvrability and insertion capability the EB-530US is expected to improve operator efficiency, while the high quality images and imaging modes provided by the Fujifilm ultrasonography processor SU-1 support accurate punctures.



EBUS-TBNA constantly monitors the position of the needle with 10° forward oblique view which, along with excellent positioning due to the multilateral approach improves manoeuvrability during puncture. The opening of the working channel is constantly displayed in an endoscopic image to locate the puncture needle.



DISTAL END 6.7 mm

HIGH RESOLUTION B-MODE

EB-530US ULTRASONIC BRONCHOSCOPE



The opening of the working channel is constantly displayed in an endoscopic image to locate the puncture needle.



Viewing direction	10° Forward oblique
Field of view	120°
Observation range	3 – 100mm
Bending capability	Up 130°/Down 90°
Distal end diameter	6.7 mm
Insertion tube diameter	6.3 mm
Minimum diameter of instrument channel	2.0 mm
Working length	610 mm
Total length	880 mm

Dual light to support EBUS-TBNA

Two lights ideally positioned on opposite sides illuminate the front and eliminate shadows during paracentesis. An appropriate needle angle is expected to be useful for smooth paracentesis at the target site.

Appropriate bending angle

A large bending angle is expected to be useful for paracentesis at the target site.

SU-1 ENDOSCOPIC ULTRASONIC PROCESSOR



The Fujifilm ultrasonography processor SU-1 is equipped with proprietary image processing technology and a variety of imaging modes, including the high resolution B-Mode, designed to support accurate diagnosis.

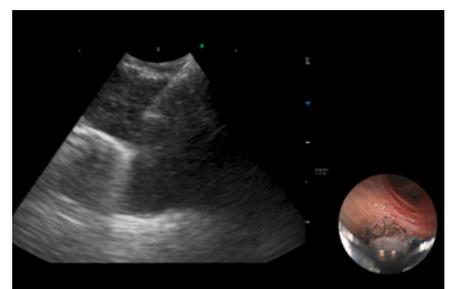


Power rating	AC 100–240 V
Frequency rating	50 Hz / 60 Hz
Current consumption rated	2.0 – 1.2 A
Dimensions (W x H x D)	390 x 135 x 485 mm
Weight	13 kg
Scanning method	Electronic scanning
Probe types	Curved linear array / Radial
Scanning modes	B, M, CD, PD, PW, THI, CH, F-FLOW
Special modes	Elastography / CHI
Gain adjustment	0–100 % (in increments of 2 %)

STC	6-step gain settings per depth
Sound speed correction	Full screen ROI settings
Dynamic Range	40 to 100 % (in increments of 5 %)
PinP	Endoscopic / Ultrasound Imaging
Observation screen	Hospital / Date / Time / Patient
Curved linear array	EB-530US
Frequency	5 MHz, 7.5 MHz, 10 MHz, 12 MHz
DVI image input terminal	1

Picture-in-picture image

Keyboard operation facilitates smooth examinations and allows switching between an ultrasound image, an endoscopic image, and a picture-in-picture screen.





Independent ultrasound: Fujifilm developed this very compact, user-friendly ultrasonic mini probe system to make it possible to approach a peripheral pulmonary lesion effectively. Offering enhanced operability, SP-900 and PB2020-M2 are designed for a more precise and efficient examination.

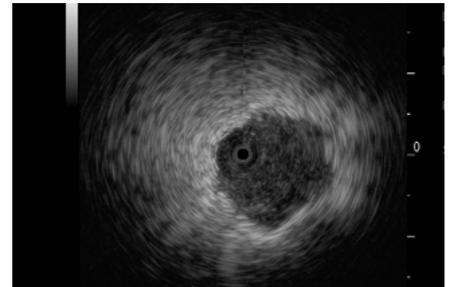
SP-900 ULTRASONIC PROCESSOR



The small and lightweight system can be used as a stand-alone solution as well as part of a larger endoscopy system. Its high resolution ultrasonic images can be obtained through the digital video signal output and digital corrections of the imaging artefacts. The shorter distal rigid section enables the probe to be inserted more smoothly even when the endoscope is bent.



Voltage	AC100–240 V
Frequency	50 / 60 Hz
Current consumption rated	0.7–0.5A
Scanning mode	B mode
Scanning method	Mechanical radial
Penetration depth	20 mm or more
Dimensions (W x H x D)	377 x 80 x 480 mm
Weight	8.0 kg



PB2020-M2 PROBE FOR BRONCHOSCOPY



Frequency	20.0 MHz
Outside diameter of insertion portion	1.4–1.9 mm
Working length	2,150 mm





LIGHT SOURCES & PROCESSORS



BL-7000 | VP-7000 | EP-6000

Light Source & Processor 7000	30
Light Source & Processor 6000	32



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

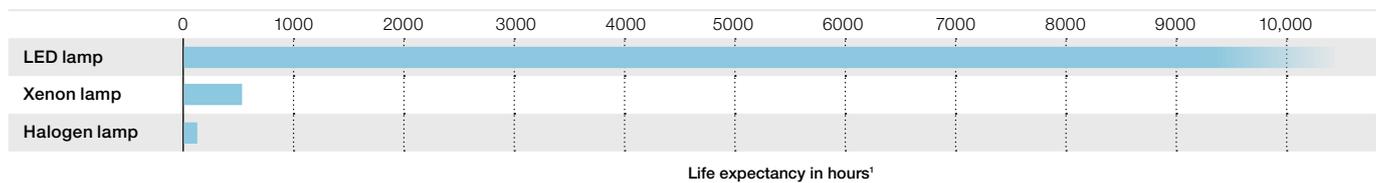


FUJIFILM group
Green Policy

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	100–240 V, 50/60 Hz, 1.2–0.7 A
Dimensions (W x H x D)	390 x 155 x 485 mm (including projection)
Weight	12.0 kg
Optical radiation safety	Class 1 LED product



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 EB-710P bronchoscope it is also compatible with 580 and 530 series bronchoscopes. 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 bronchoscopes	700/500 series
Output	DVI-D x2, DVI-I x1, HD-SDI x2, RGB-TV x1, S VIDEO x1, VIDEO x1
Input	1 channel PoP
External memory	USB Flash Drive
Power rating	100 – 240 V, 50/60 Hz, 0.8 – 0.5 A
Dimensions (W x H x D)	390 x 110 x 485 mm (including projection)
Weight	9.0 kg

¹ This Warranty is only valid according to the terms and conditions of the Durability Warranty Policy.



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



The ELUXEO Lite EP-6000 combines a reliable 3-LED light source with a processor that enables you to make use of the many features provided by Fujifilm’s wide range of endoscopes. Combined with the EB-710P and the EB-580S the visualisation modes LCI (Linked Color Imaging) and BLI (Blue Light Imaging) are available.

Due to the use of economical LED lamps with a long durability this system is very eco-friendly. It is also compatible with the 700 and 500 series of bronchoscopes. 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 bronchoscopes	700 / 500 series
Output	DVI-D x2, RGB-TV x1, S VIDEO x1, VIDEO x1
External memory	USB Flash Drive
Power rating	100 – 240 V, 50/60 Hz, 2.0 – 1.1 A
Dimensions (W x H x D)	395 x 210 x 485 mm (including projection)
Weight	15.0 kg
Optical radiation safety	Class 1 LED product





IMPROVED **PATIENT COMFORT**



SYNAPSE 3D

Simulation System

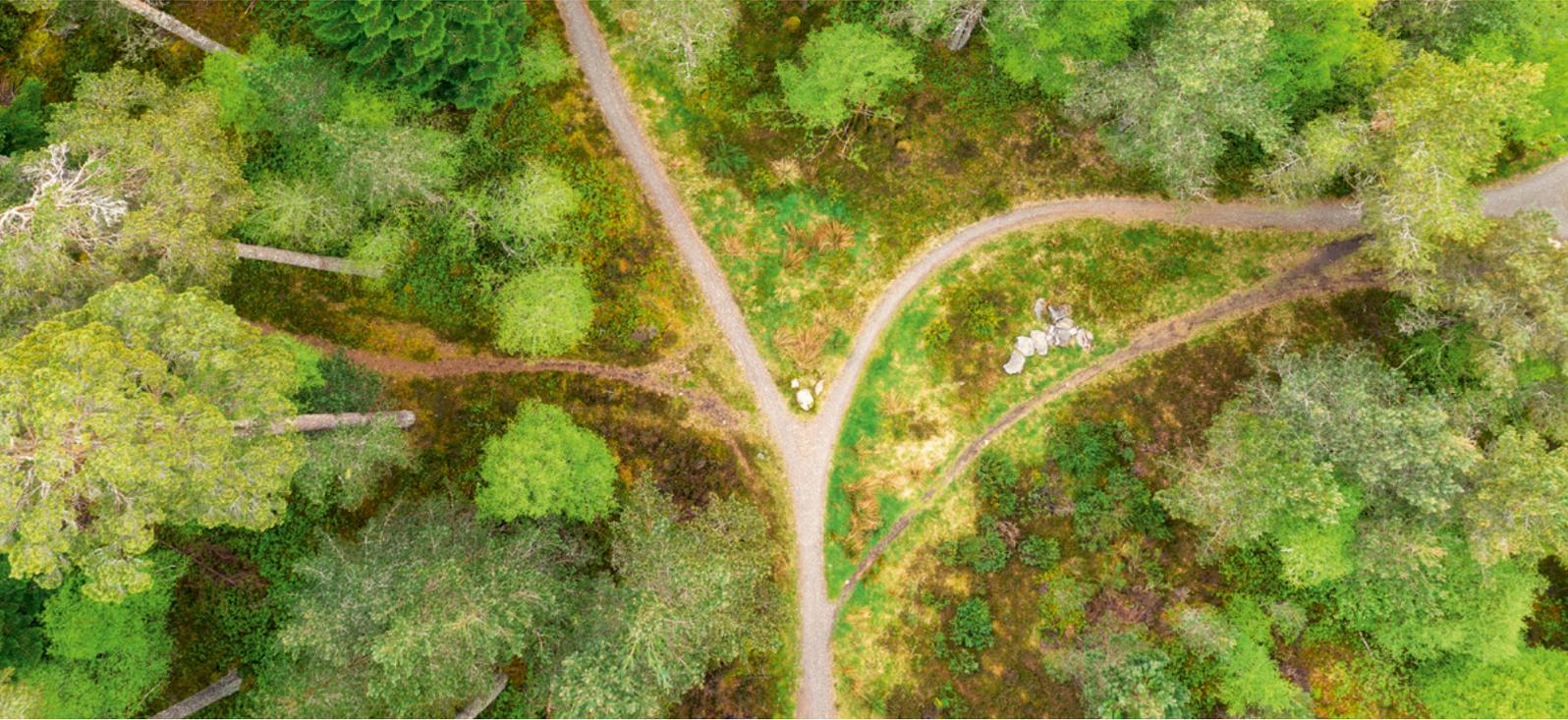
34

Miscellaneous

37



SYNAPSE 3D



ADVANCED COLLECTION TO INCREASE YOUR FINDING

SYNAPSE 3D provides clinical professionals with a comprehensive collection of applications for advanced image visualisation and analysis. Its general tools provide day-to-day 2D, 3D, and 4D image analyses, while its comprehensive, clinically specific tools aid trained clinical users in interpreting, reporting, and providing treatment planning. Most tools can be used alone or combined seamlessly with other tools for additional advanced clinical workflows.

SYNAPSE[®]
3D

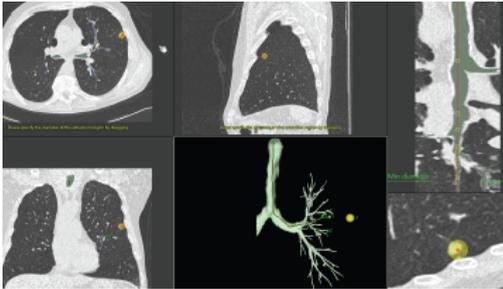


SYNAPSE 3D is not intended for primary diagnostic interpretation of mammography images.

SYNAPSE 3D LUNG ANALYSIS SCOPE

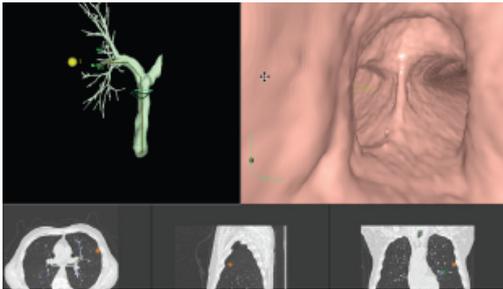
SYNAPSE 3D Lung Analysis Scope identifies multiple pathways leading to a lung lesion. A bronchoscope simulation is performed along the path, helping to visualise difficult to reach lesions in a procedure.

FINE BRONCHI EXTRACTION



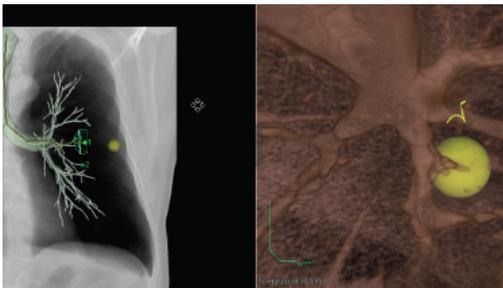
Automatic / Extract peripheral bronchi / Suggestion of 3 optimal paths

BRONCHOSCOPE SIMULATION

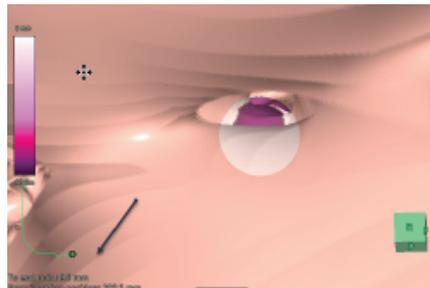


Path check / Virtual bronchoscopic flythrough

VIRTUAL ENDOSCOPE USE



Wall transparency view / Overview of tumor locations

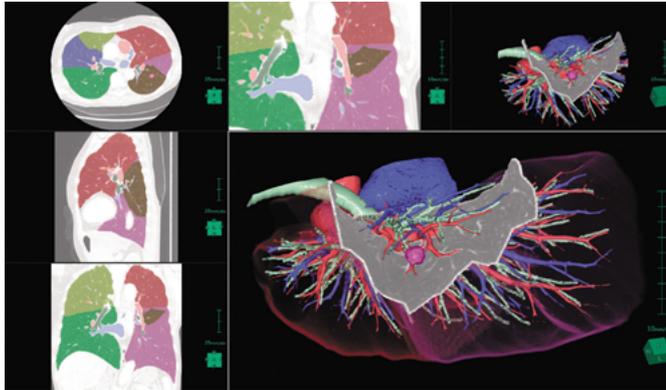


Distance to nodule



SYNAPSE 3D LUNG ANALYSIS RESECTION

Enables the extraction of lung regions, pulmonary artery, pulmonary vein, bronchus, and other regions for 3D visualisation of the lungs. It simulates lung resection by extracting and segmenting the territories of pulmonary vessels and bronchi, which is useful for preoperative planning.



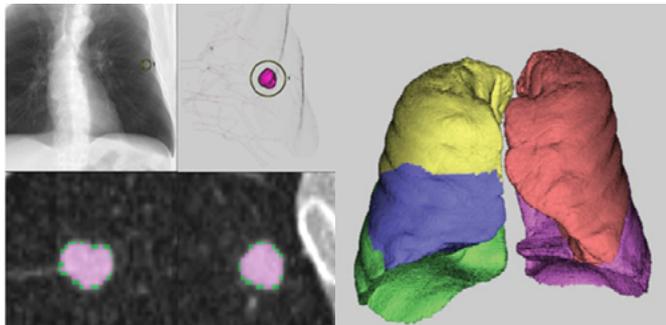
Vascular mapping for surgical planning

Main functions include:

- Calculation of the territories of pulmonary vessels and bronchi of the lung field region
- Extraction and display of diaphragm region
- Extraction of tumors and volume calculation
- Automatic extraction of the pulmonary artery, pulmonary vein, and bronchus
- Long-axis diameter and perimeter measurements of tumors or nodules
- Display of oblique fissures of the lung(s)

SYNAPSE 3D LUNG ANALYSIS AIRWAY

Enables analysis of lung nodules, bronchi, and low-attenuation areas of the lungs. It is useful for assessing nodules, airway obstructions, and lung data over time.



Lobar differentiation for lung volume analysis

Main functions include:

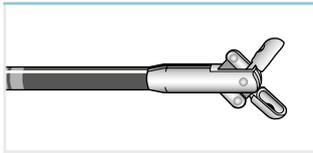
- Automatic and semi-automatic extraction of the lung field and lung lobes
- Extraction of the contact area between the lung field and diaphragm
- Semi-automatic extraction and volume calculation for nodules in lung field
- Signal values, Goddard score, and low-attenuation cluster analysis for lung field region
- Comparison of nodules, attenuation, and airway between current and prior studies



ENDO BITE² BIOPSY FORCEPS*



Product code	Material Code	Characteristics	Ø Jaws (mm)	Length (mm)	Ø Working channel (mm)	Unit
BIO1-C4-18-120	70100146705	Oval jaws, coated, Bronchoscopy	1.8	1,200	2.0	10

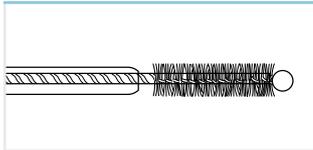


BIO1-C4

CYTOLOGY BRUSH



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



WS03

BRUSHES for bronchoscopy

Product code	Brush	Material Code	Where to use	Reusability
EB-580S/T	WB7024FW	16518827	Working channel	Reusable
	WB11003FW	16518841	Cylinder port	Reusable
	WB11003DV	16560820	Cylinder port	Reusable
EB-530S/US	WB3212FW2	15909938	Working channel	Reusable
	WB3503FW	15909976	Working channel	Reusable
	WB7025DC	16560832	Working channel	Reusable
	WB11002FW2	15909902	Cylinder port	Reusable
EB-530T/XT	WB11003DV	16560820	Cylinder port	Reusable
	WB3512FW	15909988	Working channel	Reusable
	WB3503FW	15909976	Working channel	Reusable
	WB7025DC	16560832	Working channel	Reusable
EB-530P	WB11002FW2	15909902	Cylinder port	Reusable
	WB11003DV	16560820	Cylinder port	Reusable
	WB2212FW2	15909926	Working channel	Reusable
	WB2517DC	16667408	Working channel	Reusable
	WB3503FW	15909976	Working channel	Reusable
	WB11002FW2	15909902	Cylinder port	Reusable
	WB11003DV	16560820	Cylinder port & Working channel	Reusable

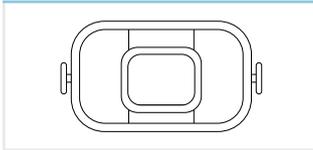
* Manufactured by Fujifilm medwork GmbH.



BITE BLOCKS



Product code	Material Code	Characteristics	Ø Inner (mm)	Unit
BYT1-A3-20	70100146578	Standard, white, with OEKO TEX® strap, latex	20	100
AN10018004	70100147834	With strap, latex-free	13	25



BYT1



MONITORS & CARTS



EIZO

EIZO Monitors

40

Endoscopy Carts

41



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

NEW

Model	Description	Input signal	Output signal	Dimensions WxHxD (mm)	Weight (kg)
EIZO CURATOR (UHD) EX3242 32" LCD with 4K resolution	LED backlight with high brightness of max. 850 cd/m ² , high-resolution of 3840 x 2160 px (4K), optical bonding for reduced reflections, Smart Resolution Sparse Coding (S.R.S.C.) for high-definition images and enhanced sharpness	DisplayPort (HDCP 1.3) HDMI (HDCP 2.2/1.4) BNC (12G-SDI) BNC (3G-SDI) DVI-D (HDCP 1.4)	DisplayPort BNC (12G-SDI) DVI-D	760 x 463 x 92	13.2
EIZO CURATOR EX3220 32" LCD 	LED backlight with high brightness of max. 650 cd/m ² , high-definition, full multi-modality, degree of protection IP45 (front), IP32 (rear)	BNC (3G-SDI) x 2 DVI-D x 2 (HDCP 1.4) D-Sub 15 pin (mini) BNC (RGB C-Sync or Component), S-Video BNC (Composite)	BNC (3G-SDI) x 2 DVI-D BNC (RGB C-Sync or Component) S-Video BNC (Composite)	760 x 463 x 99	9.9
EIZO CURATOR EX2721 27" Color LCD 	LED backlight with high brightness of max. 900 cd/m ² , high-definition, full multi-modality	BNC (3G-SDI) DVI-D x 2 (HDCP 1.4) D-Sub 15 pin (mini) S-Video BNC (Composite)	BNC (3G-SDI) DVI-D, S-Video BNC (Composite)	660 x 400 x 87	8.5
EIZO Colour LCD 26" HD-Type LCD 	LED backlight with high brightness of max. 700 cd/m ² , high-definition, full multi-modality, displays up to three video sources simultaneously	BNC (3G-SDI) x 2 DVI-D x 2 (HDCP 1.4) D-Sub 15 pin (mini) BNC (RGB C-Sync or Component) S-Video BNC (Composite)	BNC (3G-SDI) x 2 (Composite) DVI-D BNC (RGB C-Sync or Component, S-Video) BNC (Composite)	643 x 396 x 83	8.4



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

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

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

ENDOSCOPY CARTS **

THIRD PARTY PRODUCT

Model	Material Code	Dimensions (WxHxD mm)	Weight (kg)	Characteristics
ITD-03 EUS Iso Plus	70100128566	618x1500x624	approx. 85	EUS cart 2x endoscope hanger, 4x shelves 2,000 VA, isolating transformer with insulation monitoring function
ITD-03 Iso Plus	70100113037	540x1510x580	approx. 40	Uni-cart sonoprobe 3x shelves, 1x monitor stand 660 VA, isolating transformer
ITD-00 Plain Cart	70100113035	614x1277x625	approx. 70	Classic cart 1x endoscope hanger, 3x shelves



ITD-03 EUS Iso Plus



ITD-03 Iso Plus

** Manufactured by ITD GmbH, Germany.



SERVICE



Service & Partnership

44

Training & Education

46



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 local markets.

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:

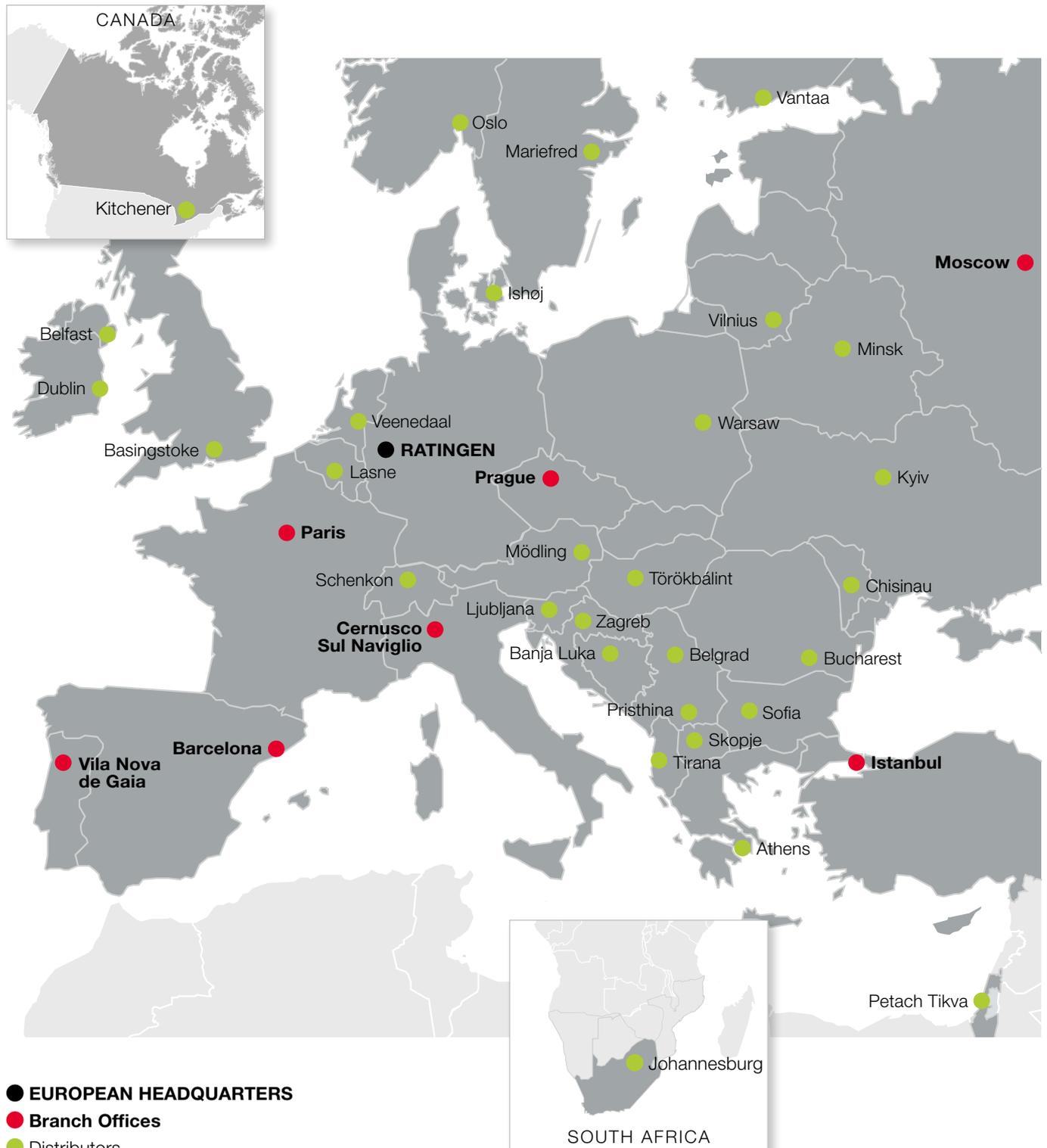
- Willich (GER)
- Montigny, Toulouse (FRA)
- Barcelona, Porto (IBERIA)
- Milano (ITA)
- Prague (CZE)
- Istanbul (TUR)

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 – the EndoRunner.

MOBILE HUB *EndoRunner*

The 'EndoRunner' is a mobile hub containing all the latest innovations in endoscopy from Fujifilm. The EndoRunner travels to hospitals and conferences across Europe to offer training and education opportunities to clinicians. It includes 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 *See LEARN*

SHARING KNOWLEDGE ANYTIME ANYWHERE

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



**NEVER
STOP**

FUJIFILM

FUJIFILM Europe GmbH

Balcke-Dürr-Allee 6 | 40882 Ratingen, Germany
+49 2102 5364-0 | endoscopy_eu@fujifilm.com
www.fujifilm-endoscopy.com

Specifications are subject to change without notice. The name FUJIFILM and the FUJIFILM logo are trademarks of FUJIFILM Corporation. All other trademarks shown are trademarks of their respective owners. All rights reserved. SAP70100157325_03/2023.