FUJINON

SONOPROBE SYSTEM
SP702

SONO PROBE

Fujinon's Newest Sonoprobe Technology Opens the Door to a New Dimension in Diagnostic EUS

The NEW SP-702 Sonoprobe System is the result of Fujinon's commitment to the continued evolution of diagnostic EUS. The newly designed SP-702 offers increased examination efficiencies and improved diagnostic capabilities through the use of a more compact, high performance processor, a newly designed control pad with an integrated trackball, and a new 25 MHz miniprobe.
The SP-702 - proven technology, new possibilities!

New User Friendly Design Improves Examination Efficiency

Compact Control Pad with a Trackball

The SP-702's new trackball allows for easier display of critical functions.
In addition, the trackball allows the user to display the image of choice by storing not only the frozen images,but the previous twenty-nine frames as well.

Set Key
Switches between the setup modes of institution name, date, and time.

Frequency Set Key
Forcibly changes the receive frequency.

Comment Key
Switches to the comment mode.

Mirror Image Key
Changes the observation direction by mirroring the radial image.

Caliper Key
Measures the distance between two points in an image at two positions.

Trackball
This is used to search for images stored at the time of the freeze frame. It is also used to move the center position, select the comment position, and move the caliper for distance measurement.

Select Key
Selects the comment to move.

Move Center Key
Switches to the mode that moves the image center.

Clear and Rotation Invariant Image Display

Even with an endoscope tilted at an oblique angle, clear images invariant to rotations are displayed. The short ultrasound probe head also ensures scanning of the lesions.

Auto-Recognition of Frequency and Initial Values

When the ultrasound probe is connected to the scanner, its frequency, initial gain, and far gain are automatically recognized. Therefore, a physician can scan lesions at gain and far gain values appropriate for the respective probe frequencies.

Compact and Lightweight System with Better Installability

The system can be moved easily and efficiently in the endoscopy room. You can easily place the system next to the existing endoscopy system and gain additional space around the bedside during EUS.

Connectivity with Ultrasound Probes of Various Frequencies

The 25/20/15/12-MHz probes can be used in standard scopes with a forceps channel diameter of 2.8 mm or over. The 7.5-MHz probe can be used with a two-channel scope. In that case, the existing two-channel scope works as the ultrasound endoscope.

Highly Maneuverable 7.5-MHz Probe

7.5-MHz probes compatible with the existing two-channel scopes are provided. These probes can be operated in much the same way as high frequency probes. They allow ultrasound scanning of lesions while checking the endoscopic image.

25-MHz Frequency Probe

25-MHz probes are provided to perform clear surface rendering of the gastrointestinal tract wall. These probes are especially useful for the observation of mucosal surface lesions.

ID Key

Switches to the input mode of patient data, such as the patient name and medical record number.

New ID Key

Deletes all distance measurement results, ID, and comments.

Clear Key

Deletes the ID and comments when the comment mode is selected.

Full-Size Keyboard

You can enter text strings such as ID or comments, exactly as you do with a computer.

Contrast Key

Changes the image contrast in three levels.

Print Key

Prints images with the connected video printer.

Caliper Set Key

Determines the caliper position for distance measurement.

Gain Knob

Adjusts the sensitivity of the overall ultrasound image.

Freeze Key

Switches between Scanning ON and Freeze (Scanning OFF). When switching to Freeze, several of the images immediately preceding are stored. The number of images to be stored differs depending on the scanning time. When the Freeze key is pressed again, the stored images are erased.

Far Gain Key

Adjusts the sensitivity of the distant area.

Image Rotation Key

Rotates the image.

Magnification Key

Switches the image display area in six levels.

Radial Scan for Superb Screening

By canceling the freeze frame, a 360° (-radial image is automatically displayed to facilitate the observation of lesions.

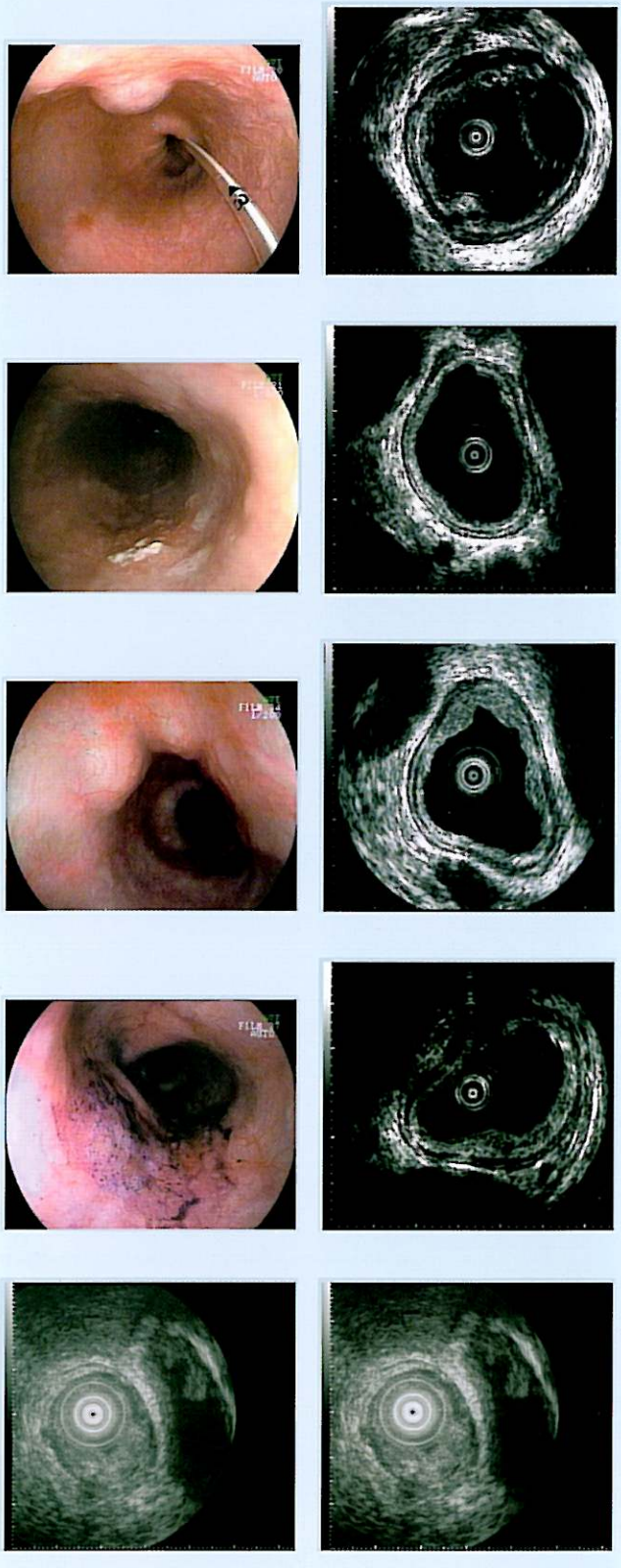
Arbitrary Selection of Image Size and Position

According to the observation area and the size of the lesion, the size and position of the image can be arbitrarily selected. Additionally, the image rotation function allows a 360° (-movement of the lesion image to the position of your choice.

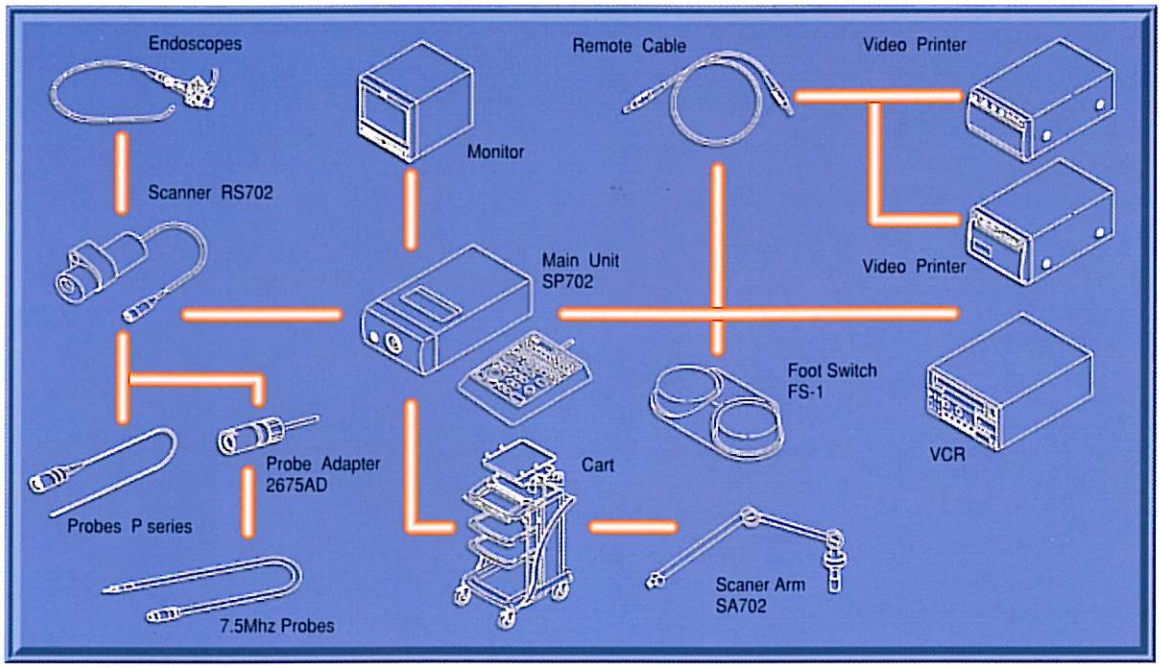
Quick Switching from Routine Endoscopy to EUS

Following a routine examination, an ultrasonography can be performed in much the same way as biopsies. This allows the easy and rapid performance of ultrasonography of the observation area.

Clinical Data



System Chart



Specifications

SP702

Video system	NTSC/PAL
Power requirements	120V or 230V
Consumption	0.8A (120V) 0.5A (230V)
Display Mode	B mode
Scanning Mode	Mechanical Radial
Scanning Range	20-120mm 360°
Usable Frequencies	7.5MHz, 12MHz, 15MHz, 20MHz, 25MHz
Dimensions (W×H×D)	188mm×102mm×443mm
Weight	6.5kg

Probes

Model Name	Total Length	Outer Diameter	Frequency
P2625	2200mm	2.6mm	25MHz
P2620			20MHz
P2615			15MHz
P2612			12MHz
※PL2226-7.5			7.5MHz
※PL2226B-7.5			
P2025		2.0mm	25MHz
P2020			20MHz
P2015			15MHz
P2012			12MHz

※Front loading type

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