

# FUJINON

## Video Hystero Endoscopes

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*We proudly introduce our Video Hystero Endoscopes, the EH-270S and EH-270T. Designed to provide a higher level of imaging capability than ever believed possible in small diameter endoscopes, these technically advanced endoscopes open the door to a new era in video diagnostics, treatment and patient comfort.*

*Also designed for ease-of-use in both hospital and office settings, the EH-270S and EH-270T are compatible with Fujinon's small, lightweight EPX-2200 processor and light source unit.*

## Hysteroscope Excellence — Redefined, Reinvented, and Remarkable.

Fujinon's new Video Hystero Endoscopes have been developed through a collection of cutting-edge technologies that bring a new level of "Hysteroscope Excellence" to reality. Not only do they contribute significantly to diagnosis, observation and treatment, but they also answer the clinical needs for increased speed, improved safety, and improved ergonomics.

## Excellent Ergonomics — Reinvented

Fujinon has reinvented physician comfort and reduced overall physician fatigue with our new control body design — small, lightweight and simple.

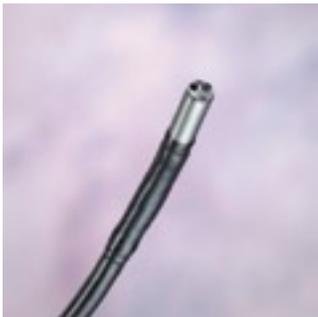


## Excellent Image ——— Redefined

Bright and clear, the high-resolution images redefine traditional Hysteroscope imaging through the adoption of a new, ultra-compact, high-density CCD chip.

## Excellent Insertion ——— Remarkable

In order to dramatically improve patient comfort without compromising clinical diagnosis, Fujinon developed its most remarkable endoscopes. At 3.8mm the S offers superior clinical diagnosis and at 5.3mm (with a 2.0mm channel) the T offers exceptional comfort with therapeutic intervention.



EH-270S



EH-270T

## EH-270S

## EH-270T (Treatment Type)

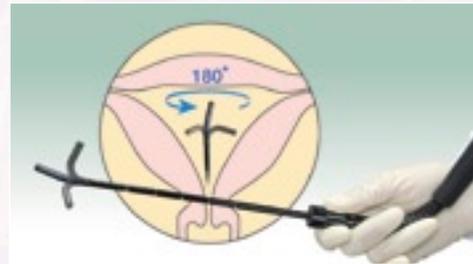
- The small diameter of the EH-270S (3.8mm) allows for minimal discomfort during insertion into the uterine cavity, minimizes the need for dilation of the cervix, and greatly reduces the need for local anesthesia.
- Due to the broad range of angulation (100° up/100° down) and wide field of view (120°), the physician can fully visualize the entire uterine cavity with minimal instrument manipulation.
- The flexibility of the endoscope in combination with its small diameter, has been designed to minimize patient comfort.
- By replacing the image guide fiber bundle with a high-resolution video CCD chip, a large, clear and consistently bright image is achieved.
- The unique flexible videoscope allows for smooth insertion for patients who have distortions of the uterine cervix or hysteromyoma.

## Wide Observation Range and Extended Bending Capability

A wide 120 degree angle of view and an extended bending capability of 100 degrees provide for improved observation, maneuverability, and orientation in the intrauterine cavity.

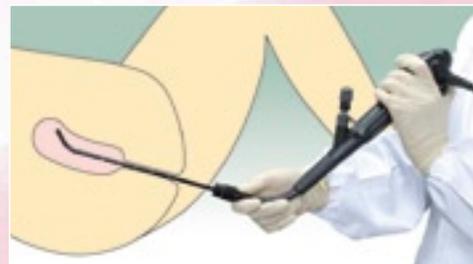
### ● **Rotation Knob**

A new rotary mechanism enables observation and treatment of the entire intrauterine cavity leaving no area unvisualized.



### ● **Free-stop mechanism**

The freely adjustable angle of the endoscope allows comfortable position for the operator during observation.



### ● **Unique insertion section**

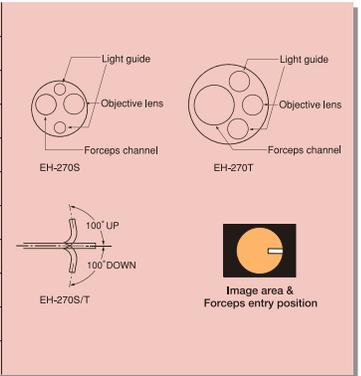
Easy and prompt observation of the uterine tube is made possible by adjusting the angle of the endoscope tip. The unique semi-rigid insertion section helps smooth irrigation of physiological saline for comfortable examination.



## FUJINON Video Hystero Endoscopes Specifications



	EH-270S	EH-270T
Viewing direction	Forward	
Observation range	3 ~ 100mm	
Field of view	120 °	
Distal end diameter	3.8mm	5.3mm
Flexible portion diameter	3.5mm	5.1mm
Bending capability : UP	100 °	
DOWN	100 °	
Forceps channel diameter	1.2mm	2.0mm
Working length	210mm	
Total length	615mm	582mm



## Compact Design with Integrated Video System and Light Source: Optimized for Hospital Use



### EPX-2200 150W Xenon Processor

#### Specifications

TV system	NTSC/PAL
Power supply	AC120V/230V
Image zoom	Electronic Zoom X1.00 to X2.00 (0.05steps)
Memory	Patient data-44 patients Clinical procedure-20 procedures
Light source	150 watt Xenon lamp (Emergency lamp 75W Halogen lamp)
Dimensions	330(W) X 430(D) X 160(H)mm, 13 X 16.9 X 6.3 inches
Weight	16kg (35.2lbs)
Image output	Video(BNC) 1 channel S-Video 2 channels RGB-VIDEO 2 channels

### Space-Saving Integrated Design



Fujinon has minimized space and maximized function through the integrated design of the EPX-2200. With the light source and processor combined into one small, light-weight unit you can do more in less space.

### Electronic Magnification Function Enlarges High Quality Images

With a single touch of a switch, observation images can be digitally enlarged. You can select the image size freely within the range of 100-200%.

FUJIFILM GROUP

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