New and improved Double-Balloon Endoscopy System

Double-Balloon Endoscopy is a revolutionary technique that allows the whole length of the small intestine to be visualized, and opened doors to new therapeutic interventions. Fujifilm is proud to introduce the new product line-up of the DBE system developed to meet the clinical needs for more precise and efficient diagnoses and treatment.

Visualization of oral insertion (small intestine)  Visualization of anal insertion (small intestine)

Super image quality  Enhanced maneuverability  Less invasiveness

Using silicone rubber accessories

Using natural rubber accessories

System Configuration

Double-Balloon Enteroscope
EN-580XP
Slim type
EN-580T
Therapeutic type

Visualization of oral insertion (small intestine)  Visualization of anal insertion (small intestine)

Balloons  Tube kit  Over-tubes

Using silicone rubber accessories

En-580XP En-580T

Balloon Controller  Tube Kit: TY-002*

Using natural rubber accessories

Balloons  Tube Kit: TY-005*

Flexible enteroscopy is particularly suitable in certain medical or emergency situations when the above described cannot be used. (See the instruction manual for details.)

External appearance and specifications are subject to change for reasons of product improvement without notice.

Read the supplied instruction manual before using the products.

* The TY-500 tube kit is used in conjunction with the silicone rubber TS-1114B/TS-1314B over-tube.

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Value from Innovation

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### Endoscopes

**GMDN** Video Endoscope

- **EN-580T**
  - High Resolution Super CCD ensures vivid and high quality images, and the new optical lens enables the observation range of 2~100mm and a wide-angle 140° field of view. To be used in A new slim-type enteroscope with a distal end diameter of 7.5mm, 1mm smaller than the previous model, and an instrument channel diameter of 3.2mm, equivalent to the previous type. The new High Resolution Super CCD ensures vivid and high quality images, and the new optical lens enables the observation range of 2~100mm and a wide-angle 140° field of view. To be used in combination with the new silicone rubber over-tube and balloon.

- **EN-580XP**
  - All types
  - Double balloon endoscope suitable for both observation and treatment. The 3.2mm instrument channel diameter enables improved suction performance and supports a wider variety of procedures including hemostasis and balloon dilatation. The new High Resolution Super CCD ensures vivid and high quality images, and the new optical lens enables the observation range of 2~100mm and a wide-angle 140° field of view.

### Processor and Light Source Unit

- **EPX-4450HD** and **EPX-5500HD** offer high-resolution endoscopic imaging with improved visibility, thanks to FICE™ (Flexible spectral Imaging Color Enhancement) and a wide array of other features.

### Peripherals and Accessories

- **TS-114B / TS-1314B / TS-1314O Over-tube**
  - The exclusively developed silicone rubber balloons and silicone rubber over-tubes ensure stable positioning of the endoscope inside the small intestine.

- **DH-178N**
  - Catheter-balloon inflator, reusable

- **ST-05B**
  - To be used to control the pressures inside the balloons.

- **SB-10**
  - To be used to control the pressures inside the balloons.

- **TY-500**
  - A set of silicone rubber tubes; one to connect the balloon controller to the silicone rubber over-tube.

- **TY-03**
  - A set of silicone rubber tubes; one to connect the balloon controller to the silicone rubber over-tube.

- **PB-30**
  - Balloon controller