



DOUBLE BALLOON ENDOSCOPY SYSTEM



EXAMINING THE SMALL INTESTINE IN DOUBLES

By developing the double balloon endoscope, Fujifilm pioneered examining and treating the entire small intestine. The two-balloon system provides an unparalleled level of detail and is, to this day, the gold standard in examination of the small intestine. It is also commonly used in ERCPs with altered conditions post-surgery.



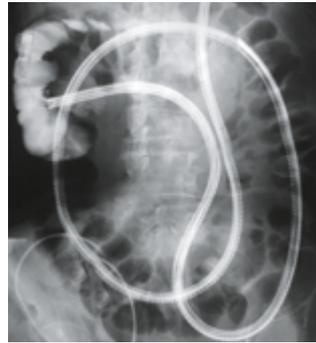
PUSH & PULL SYSTEM

ENLARGED WORKING CHANNEL OF 3.2 mm FOR EFFICIENT TREATMENT

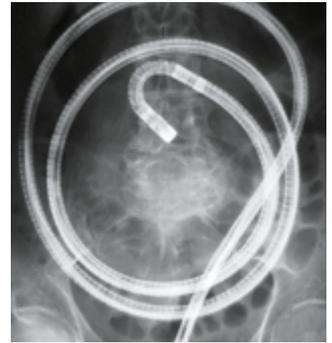
DOUBLE BALLOON ENDOSCOPY

Double balloon endoscopy is a technique that allows the whole length of the small intestine to be visualised, opening doors to many therapeutic interventions.

Fujifilm developed the DBE system to meet the clinical needs for more precise and efficient diagnoses and treatment.



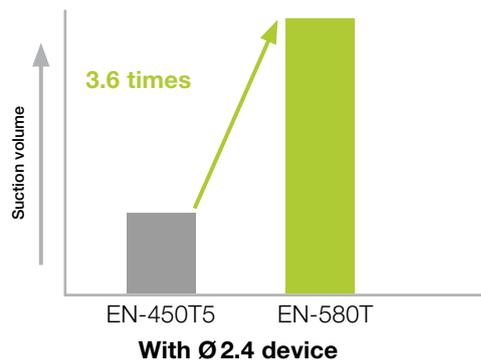
Oral insertion (small intestine)



Anal insertion (small intestine)

Working channel with 3.2mm diameter

The enlarged 3.2 mm working channel suits procedures such as haemostasis and balloon dilation. As it enables blood or mucus to be aspirated while a therapeutic device is inserted, quicker haemostasis is possible. The large working channel is also designed for easier insertion and removal of a balloon catheter before and after dilation of stricture.



The 3.2 mm working channel provides greater suction performance than conventional models.*



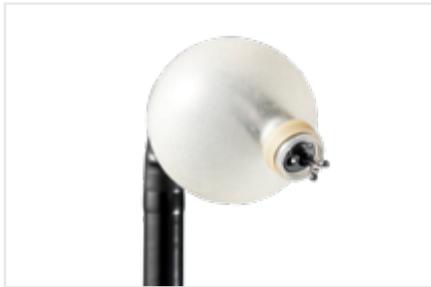
Specially designed one-step connector and relocated balloon air feed inlet for better operability

The balloon air feed inlet has been relocated from the control portion to the connector portion, creating a better examination environment. Also, a one-step connector (TY-06 or TY-500) specially designed for the balloon air feed inlet on the endoscope is provided, simplifying the preparation.

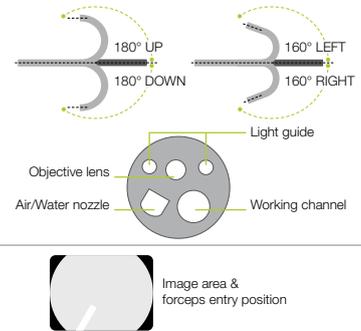
* According to Fujifilm data



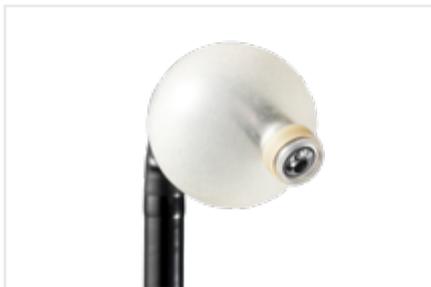
EN-580T ENTEROSCOPE Therapeutic type



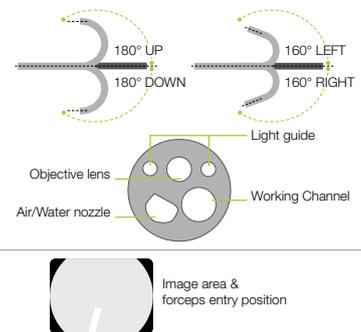
Viewing direction	0° (Forward)
Field of view	140°
Observation range	2–100mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	9.4mm
Ø Flexible portion	9.3mm
Ø Working channel	3.2mm
Working length	2,000mm
Total length	2,300mm



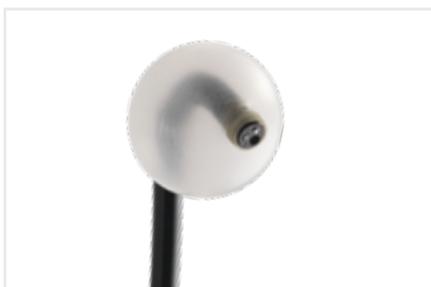
EN-580XP ENTEROSCOPE Slim type



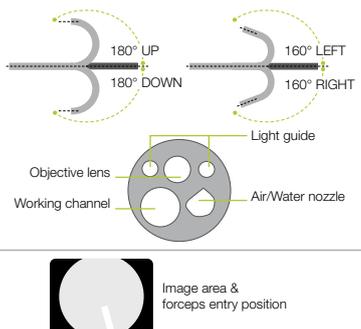
Viewing direction	0° (Forward)
Field of view	140°
Observation range	2–100mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	7.5mm
Ø Flexible portion	7.7mm
Ø Working channel	2.2mm
Working length	2,000mm
Total length	2,300mm



EI-580BT SHORT DOUBLE BALLOON ENDOSCOPE



Viewing direction	0° (Forward)
Field of view	140°
Observation range	2–100mm
Bending capability	Up 180°/Down 180° Right 160°/Left 160°
Ø Distal end	9.4mm
Ø Flexible portion	9.3mm
Ø Working channel	3.2mm
Working length	1,550mm
Total length	1,850mm



Some tubes and balloons used for EN-580T and EN-580XP are made from non-latex materials.

TS-1114B/1214B/1314B* OVERTUBE contains silicone rubber

Silicone overtube, sterile, single-use, with expiration date.



Model	TS-1114B	TS-1214B	TS-1314B
Compatible endoscopes	EN-580XP	EN-450P5/20	EN-450T5, EN-580T

* Some tubes and balloons used for EN-580T and EN-580XP are made from non-latex materials.

TS-12140/13140/13101 OVERTUBE contains natural rubber latex

Latex overtube, sterile, single use, with expiration date.



Model	TS-12140	TS-13140	TS-13101
Compatible endoscopes	EN-450P5/20	EN-450T5, EN-580T	EC-450BI5, EI-580BT

TY-400/500* CONNECTION TUBES for silicone overtube

Connection tube kit for silicone overtube, PB-30, 450 and 500 series – exchange once every month or once every 10 cases.



Model	TY-400	TY-500
Compatible endoscopes	450 series	500 series

* Some tubes and balloons used for EN-580T and EN-580XP are made from non-latex materials.

TY-04/06 CONNECTION TUBES for latex overtube

Connection tube kit for latex overtube, PB-20/30, 450 and 500 series – exchange once every month or once every 10 cases.



Model	TY-04	TY-06
Compatible endoscopes	450 series	500 series



BS-4* Balloon contains silicone rubber

Endoscope balloon Ø 35 mm, single-use, with expiration date (10 pcs balloon + 20 pcs fixing rubber/pack), ST-10 needed to attach.



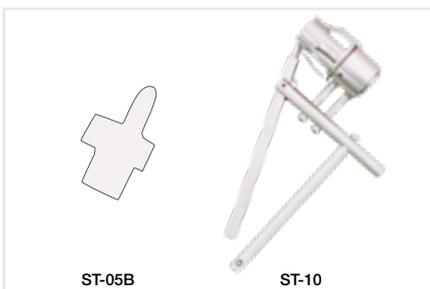
* Some tubes and balloons used for EN-580T and EN-580XP are made from non-latex materials.

BS-2 Balloon contains natural rubber latex

Endoscope balloon Ø 35 mm, single-use, with expiration date (10 pcs balloon + 20 pcs fixing rubber/pack).



ST-05B/ST-10 BALLOON SETTING TOOLS for fixation



PB-30 BALLOON CONTROL UNIT

To be used to control pressure inside the balloons which are inflated and deflated during DBE examinations.



Maximum flow rate of pump	170ml±50ml/ 10 sec.
Set pressure accuracy	±2 kpa
Set pressure of balloon	5.6 kpa
Weight	7.0kg (Main unit) 0.4kg (Remote switch)
Power	AC100–240V 50/60 Hz/0.8A
Dimensions (W x H x D)	145 x 170 x 410 mm

