

OLYMPUS

Your Vision, Our Future

SINGLE BALLOON ENTEROSCOPE SYSTEM

SIF-Q180/OBCU

EVIS
EXERA II

Single Balloon Enteroscope System

Entero  *Pro*

There's only 'one' answer to your requirements: the Single Balloon System from Olympus

Despite the rapid technological advances of the 21st century, enteroscopy is still more difficult to take advantage of than upper gastrointestinal endoscopy or colonoscopy. Now, thanks to our groundbreaking Single Balloon System, Olympus has created a simple yet efficient enteroscopic system that redefines the nature of enteroscopy. The new EnteroPro maintains Olympus's signature high image quality, while offering breakthrough capabilities in terms of operability and functionality that shed new light on a region once considered the „dark continent“ of the human body.

■ **Easy operation at every step of the way from setup to observation and treatment**

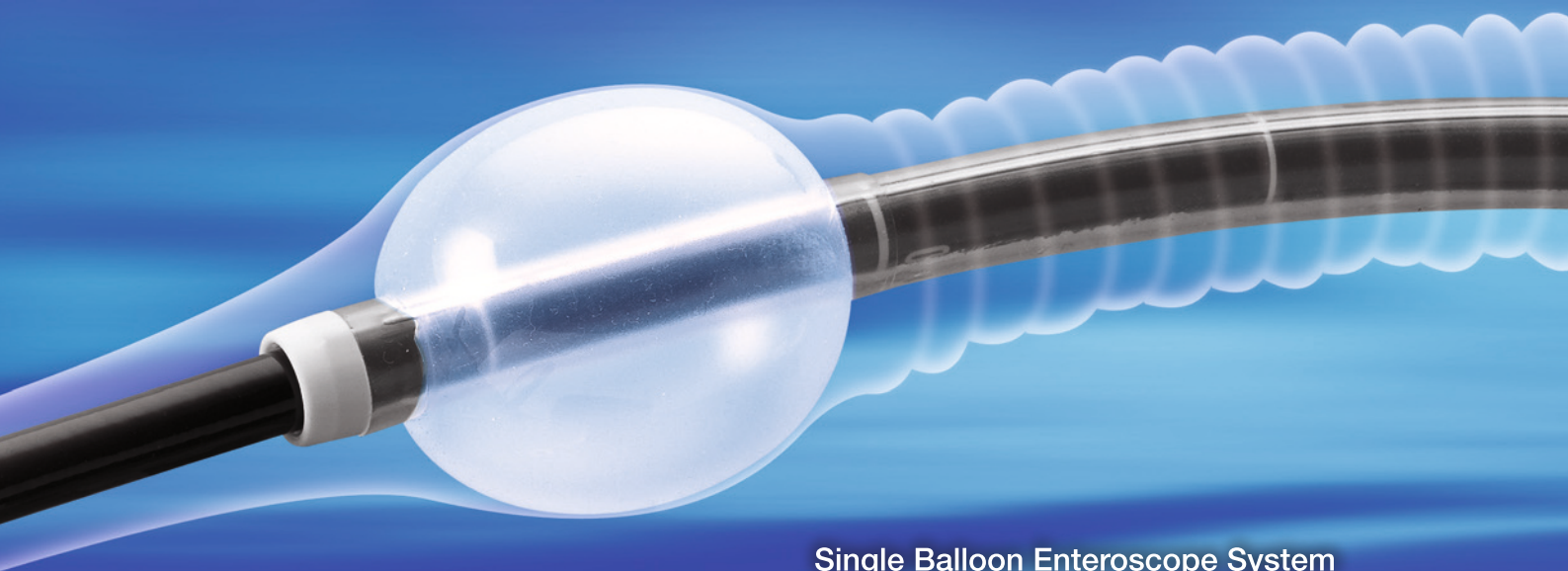
■ **High image quality and improved treatment performance achieved through the use of Olympus's latest technology**

Simple setup

Setting up the Single Balloon Enteroscope System is a snap so getting ready for an examination is never a bother. All you have to do is moisten the lining of the sliding tube connected to the balloon control unit with water and pass the scope through.

Simple operation

Since the Single Balloon Enteroscope System has only a single balloon, no complex operation is required. Just press the button on the compact remote control unit as required to manipulate the inflation and deflation of the balloon.



Single Balloon Enteroscope System

Patient-friendly latex-free design

To achieve a hypoallergenic, latex-free design, all components that comprise the overtube of the Single Balloon Enteroscope System – from the tube shaft to the balloon and tube tip – are made of silicone rubber. In addition, a hydrophilic lubricant coating has been applied to the lining of the overtube. This provides excellent lubrication between the scope and overtube, effectively supporting insertion into the deep part of the small intestine.

Compatible with Narrow Band Imaging and a wide range of video systems

The SIF-Q180 videoenteroscope comes with a high-resolution CCD that has built in NBI compatibility when used connected to EXERA II videosystems. Yet it can also be used with EXERA I (CV-160) and even EVIS-140 legacy systems.

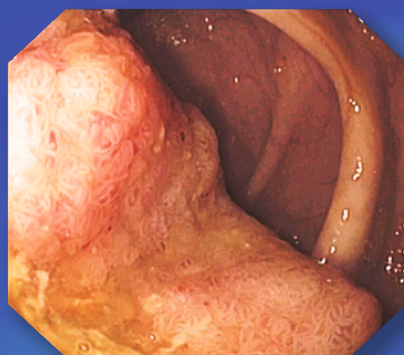
Complete functionality and exceptional operability have been achieved

High-performance scope that combines high-resolution image quality with excellent manoeuvrability

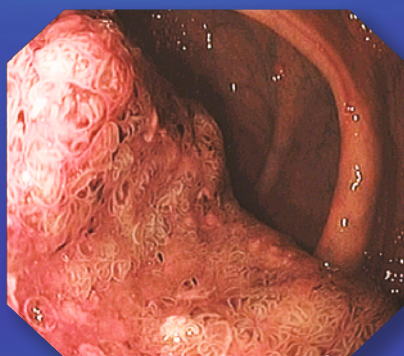
SIF-Q180

Superb imaging performance delivered by a high-resolution CCD

A high-resolution CCD chip incorporated in the distal end of the SIF-Q180 provides the high-quality images you need for accurate observation. Moreover, combining this scope with the latest EVIS EXERA II system puts the power of NBI observation at your fingertips, making it possible to explore new observational possibilities in the small intestine.



Normal observation



NBI observation

Wide 2.8 mm diameter channel in spite of 9.2 mm outer diameter

To improve manoeuvrability in insertion, the SIF-Q180 features a distal end diameter of just 9.2 mm while maintaining high image quality. In addition, an instrument channel diameter of 2.8 mm has been reserved to meet a wide range of treatment requirements.

Short distal end rigid section and small-bending angulation configuration

By making both the distal end rigid section and bending section length shorter than conventional enteroscopes, the SIF-Q180 can make smaller turns in the small intestine, supporting smoother insertion.



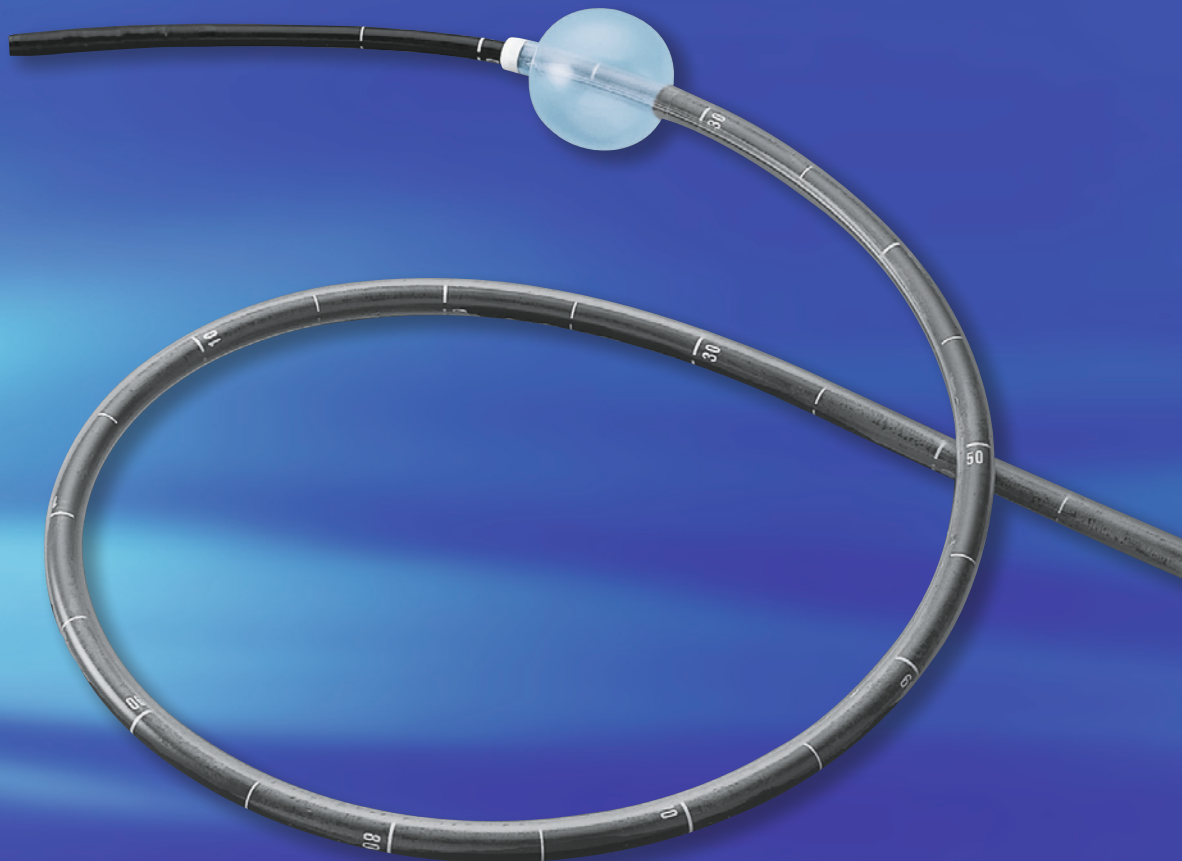
No balloon channel means the cleaning method is the same as conventional scopes

The Single Balloon Endoscope System incorporates a balloon on the tube only. This means there is no need for a balloon dedicated air channel in the scope itself, so it can be cleaned in the same way as conventional scopes.

High-tech materials – only the best are good enough

Disposable sliding tube for reliable, smooth insertion

ST-SB1



Silicone rubber coated with hydrophilic lubrication

Although silicone rubber is used in the ST-SB1, a hydrophilic lubrication coating inside of the tube lining ensures better lubrication between the scope and overtube, assisting smooth, easy insertion into the deep part of the small intestine.

Eliminating risks associated with latex allergies

A latex-free design has been achieved by using silicone rubber, a substance that rarely causes allergies, throughout the ST-SB1.



Radiopaque material to enable position confirmation under fluoroscopy

Radiopaque material is used in the distal end of the ST-SB1 to allow confirmation of the tube tip under fluoroscopy, further enhancing insertion performance into the deep part of the small intestine.

Advanced balloon control unit for trouble-free operation

OBCU



Automatic pressure control function for maximum reliability

The OBCU is equipped with an automatic pressure control function. This safety function operates to suppress the balloon pressure and maintain it within a prescribed range.



Simple configuration facilitates all steps from setup to operation

All you have to do to set up the OBCU is connect the overtube. Operation is equally simple. Just press the control button repeatedly to inflate or deflate the balloon.



- (1) Install the reservoir tank and connect it to the exhaust port.
- (2) Attach one end of the insufflation tube to the plug on the reservoir tank.
- (3) Attach the other end to the insufflation plug on the overtube.

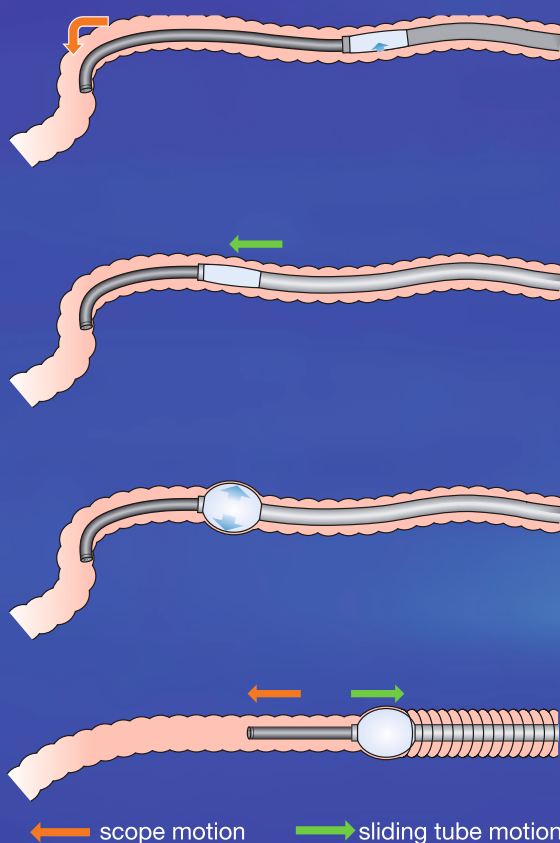
Operation possible either on the compact remote control or the front panel

Besides the front panel controls, you can operate the OBCU with this convenient, ergonomic remote control.

Simplified principles of insertion

The single balloon scope can be inserted into the deep small bowel by manipulating the balloon on the distal end of the overtube and the angulation mechanism of the scope. First insert the scope deeply and grasp the intestinal tract by angulating the scope's distal end. Next, deflate the balloon on the overtube's distal end, advance the overtube and then

inflate the balloon. Then release the angulations and withdraw the overtube to shorten the proximal small intestine and further straighten it distal to the overtube. If during this free lumen is observed, try to simultaneously push the scope further down into the small intestine.



① Insert the scope as deep as possible into the small bowel and fix the angulation of the scope.

② Advance the overtube.

③ Inflate the balloon.

④ Withdraw the overtube and if possible, try to push the endoscope simultaneously.

NBI observation is possible when the EnteroPro is combined with the latest EVIS EXERA II system

The EnteroPro's wide compatibility means that it can be connected to the EVIS 140 and EVIS EXERA I systems you already use. Also when it is combined with the latest EVIS EXERA II system, NBI observation is possible, facilitating more advanced observation of fine mucosal patterns.

A list of systems accessible to SIF-Q180





Работайте с лучшими, всё остальное компромисс!

8-800-775-36-85 | info@cmtrade.ru