Easy on Patients, Easy for Physicians

Responsive Insertion Technology

Olympus's innovative Responsive Insertion Technology includes Passive Bending and High Force Transmission to improve transmission of force to the distal end and reduce patient discomfort. Passive Bending is equipped with a second bending section to make passage through bends easier, while High Force Transmission provides improved torque and push maneuvers to facilitate insertion itself.

Super-dim 9.2 mm design for maximum insertion ease and excellent image quality

With a diameter of just 9.2 mm at both the distal end and insertion tube, the PCF-PQ260L/A is the slimmest dedicated colonoscope ever available, yet it still delivers the outstanding image quality you expect from Olympus, as well as being much more flexible than previous scopes. These specifications make examinations easier and more comfortable, while ensuring sharp, clear images.

Passive Bending for smoother passage through flexures

To prevent the scope tip from getting stuck at a flexure in the colon, the PCF-PQ260L/A features our revolutionary new Passive Bending design. Part of our unique Responsive Insertion Technology, Passive Bending includes a second bending section at the proximal side of the conventional bending section that passively bends when the scope tip is lightly pressed against the colon wall. This facilitates passage through bends in the colon.

High Force Transmission for easier power conveyances

To prevent loss of insertion force as a slope in the colon, the mechanical properties of the PCF-PQ260L/A insertion tube have been increased to facilitate transmission of the force to the proximal side to the distal side. This feature, called High Force Transmission, provides improved torque and push maneuvers to facilitate insertion and increases transmission of force to the distal end, and reduces patient discomfort.

Note: The above illustrations show the procedural flow as seen when viewing the patient’s right-hand side, beginning from the front.
Main Features

* Diameters of the distal end and insertion tube have dimensions of 9.2 mm, making this scope the world’s slimmest colonoscope-dedicated model.
* Passive Bending design with a second bending section at the distal side of the conventional bending section that passively bends when the scope tip is lightly pressed against the colonic wall to facilitate passage through bends in the colon.
* High Force Transmission design with increased insertion tube recoil property to facilitate transmission of the force at the proximal side to the distal side thereby improving torque and push maneuvers to facilitate insertion itself.
* Olympus signature high-quality imaging capability that clearly depicts details of mucosal and microvascular patterns on the colonic wall.
* 2.8 mm-diameter channel accommodates a wide range of endotherapy accessories.
* Extra-wide 140° field of view allows accurate observation of the entire colon and enhances four-way angulation (180° up/down and 180° left/right) enabling entire and comprehensive examination of the colon.
* Ergonomically designed grip enhances torque performance and scope maneuverability while easy-to-access control knobs improve operability.
* Fully compatible with the CV-260SL, CV-265, and CV-260.
* Scope ID function retains individual scope information in the memory chip and displays it on the monitor. Also stores settings such as Automatic White Balance to facilitate endoscopy suite management.

Specifications

- Optical System: 120° view
- Distal end: 9.2 mm
- Insertion tube: 2.8 mm
- Diameter of bending: 2.8 mm
- Bending range: 180° up/down, 180° left/right
- Field of view: 140°
- Length: 2900 mm, 1150 mm

Specifications, design and accessories are subject to change without notice or obligation on the part of the manufacturer.

NOTE

The insertion tube of this product is more flexible than that of conventional Olympus scopes, which results in greater warping of the insertion tube inside the colon. If you normally perform a colonic examination using a conventional "S"-length model, you may find it difficult to reach the cecum using the "T" length version of this product. To perform a cecum examination, assuming the range of reach is the same as a conventional "S" length model, you will need the "L" length version of this product. Consult your Olympus sales representative for advice on whether you should choose the "T" length version or the "L" length version.