

SCOPEPILOT

The next generation 3D navigation control system



SCOPEPILOT is designed to support the optimal condition for an efficient, safe and comfortable procedure to improve patient compliance and satisfaction.

To improve patient compliance and satisfaction



Outstanding Navigation

- True 3-D navigation with effective differentiation between the segments and examination of various areas from multiple viewpoints.

Enhanced Orientation

- To provide a better understanding of the endoscope's positioning and handling in difficult anatomies, for an optimal and more comfortable procedure for the patient.
- Zoom-in and zoom-out functionality for improved evaluation and detection of looping.
- Split screen allows simultaneous viewing of the anterior and superior positions.
- Rotation on horizontal and vertical axis for improved differentiation of the insertion tube.

Advanced Image

- Next generation megapixel CCD for crisp, clear and bright endoscopic image.
- Close Focus allows for a detailed examination of the mucosa.

Improved ergonomics and control

- i-FLEX™ graduated flexibility insertion characteristics allows for efficient maneuvering through the tight twists and turns of the sigmoid colon.
- The combination with TrueTorque™ ensures predictable movement in order to reach the ceacum quickly and efficiently.

PENTAX Medical Navigation Control Unit NCU-7000

| | |
|--|---|
| Voltage / fluctuation / frequency [VAC / % / Hz] | 100 - 230 / ±10 / 50 - 60 |
| Video Output | DVI (Resolution 1920 x 1080p) |
| Control Signal | RCU, Keyboard, USB (USB 2.0 compliant) USB flash memory |
| Image Recording / format | USB flash memory / JPEG |
| Dimensions [W x H x D / weight] | 400mm x 115mm x 400mm / 7.4kg |

PENTAX Medical Video Colonoscope EC38-i10N Series

| Type | EC38-i10NL | EC38-i10NF |
|---|-------------------|------------|
| Direction of view | Forward | |
| Field of view [°] | 140 | |
| Depth of Field [mm] | 2-100 | |
| Tip angulation up-down/right-left [°] | 180-180 / 160-160 | |
| Distal end/Insertion tube [Ø mm] | 13.2 | |
| Maximum insertion portion width [Ø mm] | 14.3 | |
| Minimum instrument channel width [Ø mm] | 3.8 | |
| Insertion portion working length [mm] | 1700 | 1500 |

PENTAX Europe GmbH
 Julius-Vosseler-Straße 104
 22527 Hamburg
 Germany
 Tel.: +49 40 / 5 61 92 - 0
 Fax: +49 40 / 5 60 42 13
 E-mail: info.emea@pentaxmedical.com

HOYA Corporation
PENTAX Lifecare Division
 1-1-110, Tsutsujigaoka
 Akishima-shi
 196-0012 Tokyo
 Japan

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Excellence in Focus