

# 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

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**PENTAX**  
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*Excellence in Focus*