

SCOPEPILOT

The next generation 3D navigation system



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

Explore a new way
to navigate



SCOPEPILOT is the next generation navigation system technology by PENTAX Medical designed to provide a true 3D live representation of the colonoscope shape and position inside the patient's bowel tract.

True 3D responsive image

True 3D representation of the colonoscope for an accurate insertion tracking and effective loop management.

Advanced orientation

SCOPEPILOT provides advanced orientation features to support the quality standards in colonoscopy and training.

Comprehensive colonoscopy solution

Perfectly suited to assist with everyday practice, SCOPEPILOT works with other innovative PENTAX Medical technologies to support the whole clinical pathway.

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 EC34-i10N and EC38-i10N Series

Type	EC34-i10NL	EC34-i10NF	EC38-i10NL	EC38-i10NF
Direction of view	Forward		Forward	
Field of view [°]	140		140	
Depth of Field [mm]	2-100		2-100	
Tip angulation up-down/right-left [°]	180-180 / 160-160		180-180 / 160-160	
Distal end width [Ø mm]	11.5		13.2	
Insertion tube width [Ø mm]	11.6		13.2	
Minimum instrument channel width [Ø mm]	3.2		3.8	
Insertion portion working length [mm]	1700	1500	1700	1500
Navigation	Yes		Yes	

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TÜV Süd CE0123 • Medical device class: IIa • This product must be used only by Healthcare professionals. Before usage and for detailed product specifications, please refer to the instructions for use. In the interest of technical process, specifications may change without notice.

PENTAX
MEDICAL
Excellence in Focus