

# SCOPEPILOT SYSTEM

*The next generation in 3D endoscopy navigation*

**PENTAX**  
MEDICAL



SCOPEPILOT is designed to provide a true 3D live representation of the colonoscope shape and position inside the patient to support optimal navigation for an efficient and safe procedure while maximizing patient comfort.

Explore a new way  
to navigate



SCOPEPILOT is the next generation navigation system technology from 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 high standards of quality in colonoscopy and training.

### Comprehensive colonoscopy solution

Perfectly suited to assist with everyday practice, SCOPEPILOT works with other innovative PENTAX Medical technologies to support today's endoscopy unit.

## 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-i10NL

Type	EC38-i10NL
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

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*Excellence in Focus*