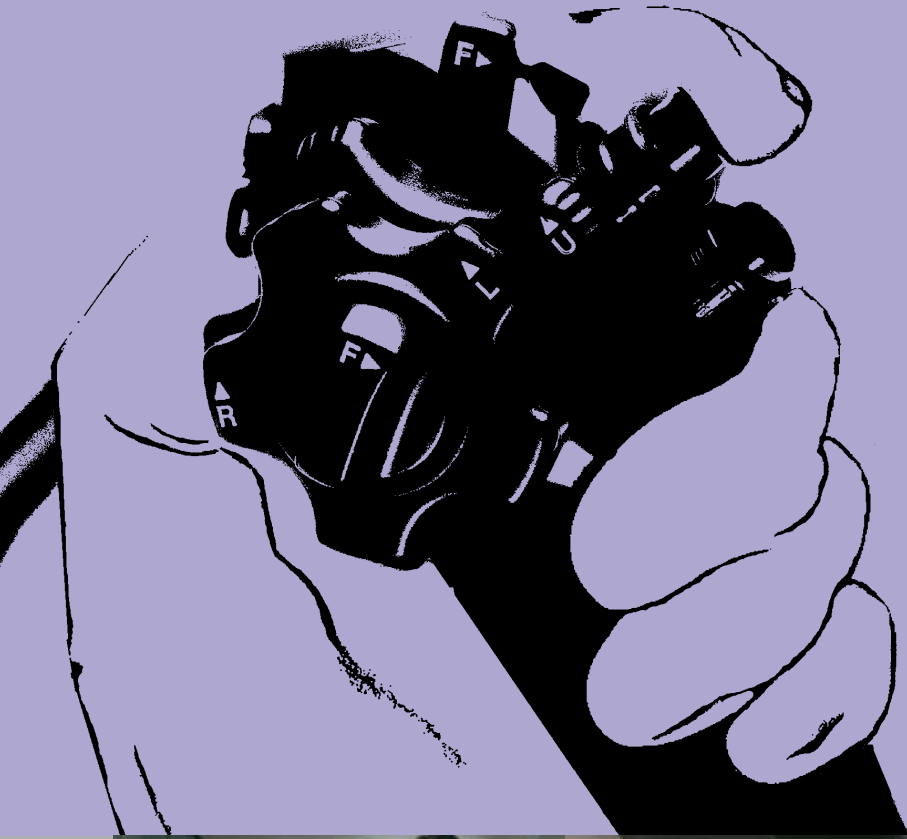


High-Resolution Monochrome Endoscopy



Colonoscopes

The highly developed system programs:
safe, innovative, versatile

PENTAX

High-Resolution Monochrome Colonoscopy



Technically developed colonoscope for everyday modern clinical and therapeutic work. Particularly simple and pleasant in handling, extraordinarily fine differentiated in imaging and with the most modern hygienic standards.

Outstanding performance characteristics



Maximum Working Comfort

- PENTAX GDF Concept¹: excellent insertion control and avoidance of loop formation thanks to graduated and flexible insertion tube.
- Very pleasant and easy to operate thanks to the ergonomically optimized control body and ideally positioned remote control buttons.
- Extra room for manoeuvre/safety due to the unique PENTAX anti-loop connector: up to 180° axially rotatable connector head.
- Working channels of up to 4.2 mm allow the greatest possible range for therapeutic uses.

Unique Hygiene

- PENTAX CleanCap System: the highest international hygiene standard thanks to the detachable distal cap for rapid and safe mechanical cleaning of the air and water channels.

Excellent Image & Image Processing

- High-resolution image with 1 billion colours through digital processing of the RGB signals with 10 bit depth of shade per channel.²
- Numerous digital image output options with SDI technology.²
- Ultra-fine colour adjustment and contour amplification for optimum visual evaluation.²
- Optimum illumination with high-performance xenon light source.

PENTAX Quality and Service Program

- Exceptional quality and longevity.
- Innovative detail solutions for more convenience and safety.
- All-round 100% service concept: consulting, financing, technical service, training.
- Safety in the future from downward compatibility of PENTAX endoscopes and video processors.

¹ With GDF equipment: graduated flexibility of the insertion tube.

² In conjunction with PENTAX EPM-3500 video processor.

Diagnostic / Therapeutic Monochrome Colonoscopes

Type	EC-3885M/F/L	EC-3885M2/F2	EC-3485F
Angle of view (°)	140	140	140
Focus (mm)	3-100	3-100	3-100
Tip deflection (°) up/down right/left	180/180 160/160	180/180 160/160	180/180 160/160
Ø Insertion tube (mm)	12.8	12.8	11.6
Ø Distal end (mm)	14.0	14.0	11.5
Ø Instrument channel (mm)	4.2	4.2	3.8
Working length (mm)	1300/1500/1700	1300/1500	1500
Total length (mm)	1610/1810/2010	1610/1810	1810

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