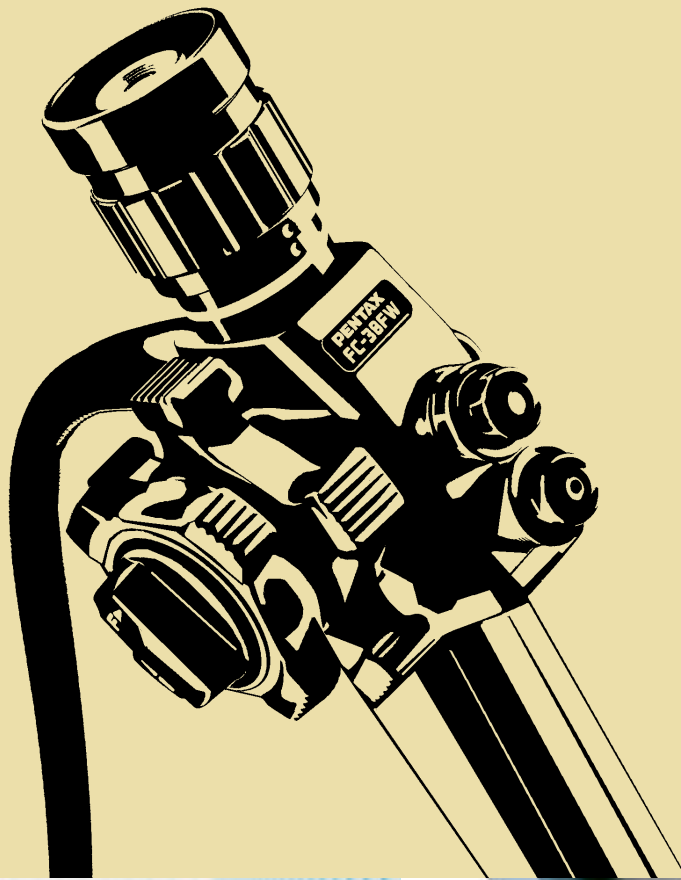


High-Quality Optics  
Fibre Endoscopy



## Colonoscopes

Really safe:  
hygienic, safe for the future  
and technically mature.

**PENTAX**

# High-Quality Optics Fibre Colonoscopy



With its broad spectrum of fibre colonoscopes and a fibre sigmoidoscope, PENTAX offers both doctors with practices and hospitals outstanding optical quality, exemplary ergonomics, innovative design and maximum hygiene standards.

## Outstanding performance characteristics



### Maximum Working Comfort

- PENTAX GDF Concept<sup>1</sup> in all PENTAX Colonoscopes: excellent insertion control and avoidance of loop formation thanks to the graduated flexibility insertion tube.
- Up to 180° deflection and 120° angle of view for the best possible navigation and viewing even in hard-to-reach areas.
- Generous dimension of the working channel of up to 3.8 mm diameter permit a wide range of therapeutic uses and effective suction.
- Very comfortable and hygienic handling thanks to optimized positioning of the ocular and suction channel.

### Unique Hygiene

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

### Excellent picture quality

- High-Quality Optics system for extra-wide 120° angle of view.
- Excellent video imaging and documentation possibilities through simple EFER Mucam video camera connection.
- PENTAX Superfine Fibre Technology gives the highest optical image resolution and high colour discrimination.

### PENTAX Quality & Service Programme

- Exceptional quality and longevity.
- Innovative detail solutions for more convenience and safety.
- All-round 100% service plan: consulting, financing, technical service, training.
- PENTAX fibre colonoscopes are compatible with the EFER Mucam video system, for long-term investment safety.

## Diagnostic/Therapeutic Fibre Colonoscopes<sup>1</sup>/ Sigmoidoscope

Type	FC-38M/F/LW	FC-38MW2 <sup>2</sup>	FC-38FW2 <sup>2</sup>	FS-34W
Angle of view (°)	120	120	120	120
Focus (mm)	3-100	3-100	3-100	3-100
Tip deflection (°) up/down right/left	180/180 160/160	180/180 160/160	180/180 160/160	180/180 160/160
Ø Insertion tube (mm)	12.8	12.8	12.8	11.5
Ø Distal end (mm)	14.0	14.0	14.0	11.5
Ø Instrument channel (mm)	3.8	3.8	3.8	3.5
Working length (mm)	1300/1500/1700	1300	1500	700
Total length (mm)	1645/1845/2045	1645	1845	1045

<sup>1</sup> With GDF equipment: graduated flexibility of the insertion tube    <sup>2</sup> Insertion tube with increased rigidity in comparison with standard equipment.

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