

## Digital High Resolution Endoscopy Video Colour CCD



### Gastrosopes

Incomparable: mobility, imaging, hygiene.



**Significantly more efficient and safer operations with PENTAX Digital Gastroscopy systems. Unique technical features provide impressive advantages for both diagnostic and therapeutic purposes offering a complete range of endoscopes for all fields of application.**

## Outstanding performance characteristics



### Maximum Working Comfort

- Comprehensive model line-up including paediatric, slim, routine, magnifying and two-channel instruments.
- Up to 210° tip deflection for enhanced navigation and viewing of the cardia region.
- Optimum size working channels facilitating the best therapeutic practices.
- Ergonomically designed lightweight control body and remote control buttons for enhanced user performance.
- PENTAX Anti-Loop Connector: up to 180° axially rotatable Light Guide connector head improves user safety and manoeuvrability.

### Unique Hygiene

- PENTAX CleanCap-System\*: detachable distal end cap provides access to internal channels including air and water, for effective mechanical brush cleaning.
- Improved reprocessing performance with the new PENTAX Safety Seal.

### Superb Digital Imaging & Image Processing

- PENTAX FVT (Full Vision Technology) delivers large format images with superior colour reproduction for effective mucosa evaluations.
- Fully digital system: combination of PENTAX DSP Technology (Digital Signal Processing), high resolution Colour CCD Chips and the latest digital video processors.

### PENTAX Quality & Service Programme

- The PENTAX brand continues to be recognised for delivering cost effective products of exceptional quality and durability.
- Industry leading service plans, consultancy, financing, technical service and training.

\* PENTAX CleanCap System in 85K Series only.

## Diagnostic/Therapeutic Gastrosopes

Type	Ultra-Slim		Multi-Purpose			Therapeutic	Two-Channel
	EG-1580K	EG-1870K	EG-2470K	EG-2770K	EG-2970K		
Digital System	EG-1580K	EG-1870K	EG-2470K	EG-2770K	EG-2970K	EG-3470K	EG-3870TK
Digital CleanCap System					EG-2985K	EG-3485K	EG-3885TK
Angle of view (°)	140						
Focal range (mm)	4-100						
Insertion tube diameter (mm)	5.1	6.0	8.0	9.0	9.8	11.6	12.8
Instrument channel diameter (mm)	2.0	2.0	2.4	2.8	3.2/2.8	3.8	3.8/2.8
Tip deflection (°) up/down right/left	210/120		210/120 120/120			180/120 120/120	
Available working lengths (mm)	600/1050		1050				

Note: Introduction and specifications are subject to change without prior notice and without obligation on the part of the manufacturer.

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