



Digital High Resolution Endoscopy Video Colour CCD



Digital Video Processor

Compact, Lightweight Digital Video Processor
with integrated Xenon Light Source



Digital High Resolution Video Processor EPK-1000



Featuring PENTAX DSP technology, the EPK-1000 Digital Video Processor used in conjunction with PENTAX Video Colour CCD Endoscopes delivers images of outstanding quality for enhanced endoscopic diagnosis and therapy.

Outstanding Features



Superb Digital Imaging

- All Digital System: a combination of PENTAX DSP technology (Digital Signal Processing) and high resolution Colour CCD chips delivering Full Vision endoscopic images with enhanced brightness and resolution.
- Automatic DSP Colour Adjustment and Contour enhancement for optimised visual examinations.
- High performance Short Arc Xenon Light Source and Digital Brightness Control for superior illumination.

Maximum Convenience

- Intuitive data management for fast storage and management of patient and user data.
- USB port for easy and convenient transfer of still images to a PC.
- Safe, future-proof investment due to full compatibility with all K Series PENTAX endoscopes.

- Full range of output connectors supporting a variety of peripheral equipment.
- Single touch Lever Type System for quick and easy attachment and release of the endoscope.
- Customised keyboard with Function and Command keys to control essential endoscope functions and peripheral equipment.
- Compact, Lightweight design to maximise portability and minimise installation space.

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.

EPK-1000 Technical Data

Type	EPK-1000
Light Source • Colour Temperature	100W Short Arc Xenon • $\leq 6500K$
Brightness Control • System	Automatic/manual (5 steps) • average/peak
Colour Correction	Red/blue ± 5 increments
Contour Enhancement	4 increments
Data Management	30 patients/50 users
Outputs	2x RGBS (9-D-Sub); 2x Y/C; 1x Composite (BNC); 1x Digital Serial (USB)
Dimensions (W x H x D) • Weight	380 x 155 x 420 mm • 14 kg

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