



The Pentax EPK 1000 is a compact, Lightweight Digital Video Processor with integrated Xenon Light Source. 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.

Features

- 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.
- 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.



Specifications

Dimensions

Height: 155 mm

Width: 380 mm

Depth: 420 mm

Weight: 14 kg

Environmental / Physical Requirments

System: average/peak

Light Source: 100W Short Arc Xenon

Colour Temperature: $\leq 6500\text{K}$

Brightness Control: Automatic/manual (5 steps)

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)