

Digital High Resolution Endoscopy Video Colour CCD



Digital Video Processor

Compact, Lightweight Digital Video Processor
with integrated Xenon Light Source.

PENTAX

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 • ≤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

PENTAX Europe GmbH
LIFE CARE
Julius-Vosseler-Straße 104
22527 Hamburg
Germany
Tel.: +49 40 / 5 61 92 - 0
Fax: +49 40 / 5 60 42 13
E-mail: medical@pentax.de

PENTAX UK LTD.
LIFE CARE
Pentax House
Heron Drive, Langley
Slough SL3 8PN
United Kingdom
Tel.: +44 17 53 / 79 27 23
Tel.: +44 17 53 / 79 27 94
E-mail: lifecare.info@pentax.co.uk

PENTAX France S.A.S.
LIFE CARE
112 quai de Bezons
P. B. 204
95106 Argenteuil
France
Tel.: +33 1 / 30 25 75 75
Tel.: +33 1 / 30 25 75 76
E-mail: medical@pentax.fr

PENTAX Nederland B.V.
LIFE CARE
Lage Mosten 35
4822 NK Breda
Netherlands
Tel.: +31 76 / 5 31 30 31
Fax: +31 76 / 5 31 30 00
E-mail: lifecare@pentax.nl

PENTAX Italia S.r.l.
LIFE CARE
Via Dione Cassio, 15
20138 Milano
Italy
Tel.: +039 / 02 50 99 58 1
Fax: +039 / 02 50 99 58 60
E-mail: marketing.lifecare@pentaxitalia.it

HOYA Corporation
PENTAX Life Care Division
Showanomori Technology Center
1-1-110 Tsutsujigaoka
Akishima-shi
196-0012 Tokyo
Japan
Tel.: +81 33 / 9 60 51 55
Fax: +81 35 / 3 92 67 24