



**THE DEMANDS OF
PROCEDURE PRODUCTIVITY**

**THE DEMANDS OF
MINIMIZING DOWNTIME**

**THE DEMANDS OF
PAY-FOR-PERFORMANCE**

THE DEMANDS OF PATIENT CHOICE

BUT ...



**I AM THE REASON YOU
DO WHAT YOU DO.**

Introducing the PENTAX EPK-i and
i-FLEX technologies,
where the business of medicine
no longer blurs
your focus on healing.

Advanced imaging technology
Advanced productivity
Advanced patient care



EMPOWERING EXCELLENCE

PENTAX EPK-i + i-FLEX



It's simple: technology changes the way you do medicine, but in reality, it is nothing without you and your talents. It is here, in your hands, the healing takes place – the ultimate reflection of you.

This simple concept is the vision, passion of PENTAX. We understand that today's ever-changing landscape of practicing medicine is complex. The weighted pressures of productivity and profitability simply can be out of sync with your true focus: healing.

In response, we could just give you the latest technologies in medical imaging. Instead, we have ardently developed, real-world solutions *through* cutting-edge technologies. You get advanced imaging technology like the highest image pixel resolutions ever, but more importantly, you get automation and productivity technologies which truly help you be more productive, more efficient.

We'll focus on the business of productivity so you can focus on what you were meant to do.

Introducing the new PENTAX EPK-i and i-Flex technologies – Empowering Excellence.



PENTAX i-TRAC™
INTELLIGENT EFFICIENCY

PENTAX i-STAR™
INTELLIGENT SERVICE

PENTAX i-DOC™
INTUITIVE INTERFACE

PENTAX i-DEF™
IMAGING RE-DEFINED



PENTAX i-FLEX™
INNOVATIVE INSTRUMENT PLATFORM

PENTAX i-TRAC - INTELLIGENT EFFICIENCY

The EPK-i is an intelligent device that automatically time-stamps all procedure details such as procedure length, type of procedure, settings and lamp life on a per procedure basis.

Intuitive algorithms sort and analyze this information to provide DAILY benchmarking information.

Automatic data collection means you don't have to add extra steps to your day to realize efficiencies.

Informed. Expedited. Streamlined. Thanks to the EPK-i, your focus is more on performing the art of medicine rather than juggling the business of medicine.

PENTAX i-STAR - INTELLIGENT SERVICE

With built-in secure Internet access, only PENTAX can provide on-demand remote servicing.

The EPK-i can log events such as scope usage, white balancing or lamp life for seamless access to information without adversely effecting lab flow or efficiency.

A company-wide commitment to service constantly brings new service initiatives, such as the new PENTAX web-based customer tools like order tracking, loaner allocation and sharing of benchmark information (www.pentaxmedical.com).

Patients need healing. Administrators need productivity. Equipment downtime is rarely understood from either. We understand and focus on the tools you need. Real-time. All-the-time.

PENTAX i-DOC - INTUITIVE INTERFACE

Customized programming allows for automatic recognition of individual physician settings.

Adjustment to preferences such as airflow, color or contrast prior to the procedure is communicated seamlessly through the network to the EPK-i.

No need to memorize keyboard shortcuts or look at a procedure monitor to make changes.

Always forefront in our minds is how to increase your efficiency, empower your excellence – even to the degree of shaving a few minutes off each procedure to give you more time to do what you were meant to do.

PENTAX i-DEF - IMAGING RE-DEFINED

There's high definition like HDTV. Then there's PENTAX's unique HD+ derived by combining HD digital imaging with the power of computing technology. If you simply want to watch a movie, HDTV is the place to be. But with 50% increased resolution of unsurpassed patient mucosal and vascular detail, medical imaging is best left to the image-redefining HD+ of the EPK-i.

The EPK-i also has built-in image processing techniques like Advanced Contrast Enhancement (ACE) that may help in the identification of suspicious areas and flat lesions.

Innovative anti-shake rotary shutter means perfect still image capture every time.

The EPK-i is also the only video system with built-in image management connectivity. With just a simple network connection, the EPK-i delivers perfect HD still images directly to the endoPRO image management system. No more "capture computers" in each procedure room tethered to the processor by video and trigger remote cables. Simple and efficient.

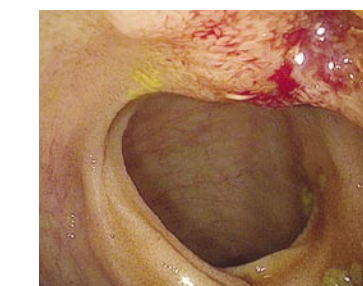
Keeping ahead of technology and not settling for the industry standard has allowed us to focus on your needs for today ... and tomorrow.

PENTAX i-FLEX - INNOVATIVE INSTRUMENT PLATFORM

Revolutionary engineered high-definition scopes incorporate significant changes to the insertion tube, air/water channels and illumination to help reduce time to the cecum by 25%.

Built-in graduated stiffness provides less looping, less patient manipulation and less physician fatigue.

Re-designing. Re-engineering. Re-defining. In your hands, it's simply unparalleled productivity.



EPK-i

Model	Channel Dia (mm)	Insertion Tube Dia (mm)	Working Length (mm)	Angulation Up/Down	Right/Left	Angle of View
EC-3890Li	3.8	13.2	1700	180/180	160/160	140
EG-2990i	2.8	9.8	1050	210/120	120/120	140
EG-2990K	2.8	10.2	1050	210/120	120/120	140
EC-3890LK	4.2	13.2	1700	180/180	160/160	140

EPK-i	
Color System	Color System Single CCD
High Definition Video Output	DVI-D, SXGA (Native)
Standard Definition Video Output	RGBS, Y/C, Composite (NTSC), DV
Network Connector	1 RS-232C and 2 USB Serial Connectors
Advanced Image Processing	Advanced Contrast Enhancement (ACE)
Lamp	300W Xenon Short Arc
Auxillary Lamp	3W LED (Class 1 LED Product)
Air/Water Supply	Select from 5 intensities
External Device Controls	1 Printer Control Connector, 3 Configurable External Device Control Connectors
Voltage	120V (NTSC)
Frequency	AC 120V, 50/60 Hz, 5.4A
Compatibility	Compatible with all PENTAX 90i, "K" Series and Fiberscopes

FOR MORE INFORMATION, VISIT OUR WEBSITE AT
WWW.PENTAXMEDICAL.COM OR CALL 800-431-5880.

PENTAX

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CAUTION: Federal law restricts this device to sale by or on the order of a physician or other appropriately licensed medical professional.