

PENTAX Medical USB Camera Kit.

The high-quality endoscope add-on camera system for easy recording – anywhere you are.

PENTAX
MEDICAL



Plug & diagnose –
Connect the camera
to any PC.



USB Camera and LED Light Source

lightweight design the system is an ideal mobile solution allowing direct interaction with patients and colleagues in clinics, bed-side and at the patient's home.

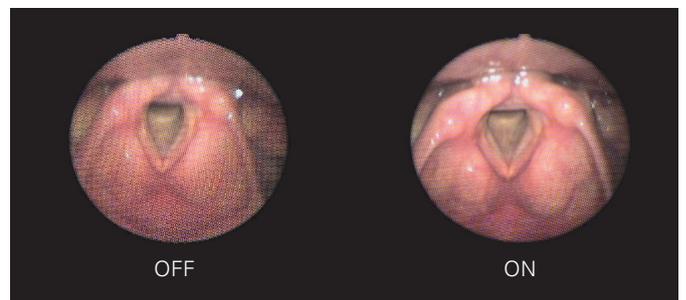
Easy to use and simple to clean USB Camera

Two programmable control buttons make the state-of-the-art USB camera operable without requiring a separate camera control unit. All electronic components are integrated into the waterproof camera head, which can be soaked in any liquid decontaminant. The camera is equipped with a 18.5 mm coupler and contains an "anti-moiré" mode to sharpen the images of fibre en-

Easy observation, diagnosis and treatment

The PENTAX Medical USB Camera Kit is state-of-the-art technology, packaged in a unique, all-in-one product concept. It consists of an add-on camera system with a compact external LED light source and powerful imaging software that captures still images and records audio and video.

The system is compatible with all PENTAX Medical fibre scopes and rigid endoscopes* and connects via USB, to any PC. This allows optimised working time and efficient data management, wherever the endoscopic procedure takes place. Due to its compact and



Clear image: Anti-moiré filter to sharpen the fibre endoscope image

doscopies. iCe Technology ensures that all internal camera settings such as brightness and colour temperature are optimised, whichever endoscope is used.

*with an adaptor for non-universal rigid style ocular

Bright, safe and durable LED Light Source

The 30W LED Light Source is a compact, fully automatic mobile device that easily connects to various endoscopes. It reproduces real colours with a light output equivalent to a 100W Xenon Light Source.

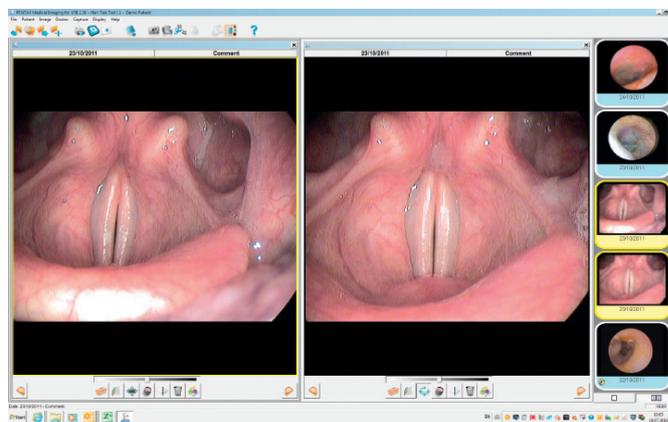
The LED generates minimum heat requiring no cooling time between procedures. Non-existent IR or UV light emissions and an efficient, low-noise ventilation system ensure the light source is both safe and comfortable to use. Low power consumption and an operational life span of 50.000 hours make the device extremely cost efficient.

Powerful and intuitive PENTAX Medical Imaging Software

The USB Camera Kit is supplied with a complete version of the user friendly, powerful PENTAX Medical Imaging Software. The multi-language interface allows easy import and export of images, audio and video files.

The software includes a patient database and highly efficient image management tools such as image analysis, image editing, audio recording and video playback in slow motion, printing customised reports and sending images by e-mail.

Only one license is needed for network connections with multiple workstations.



PENTAX Medical Imaging Software

PENTAX Medical USB Camera

Sensor	CCD 1/4" high sensitivity
Resolution of the sensor	(752 x 582) PAL / (768 x 494) NTSC
Weight [g]	210
Cable length	3m, Ø 5mm
iCe Technology, Electronic anti-moiré filter for flexible fiberscope, 2 x programmable buttons, 1 x USB 2.0 output	

PENTAX Medical LED Light Source

Dimensions – L x D x H [mm]	180 x 95 x 35
Weight [g]	320
Power supply	100-240 VAC, 50/60 Hz
Power consumption [W]	30
Lamp [W]	30
Brightness	Manual
Pressure [hPa]	700-1060

Recommended Configuration

Operating system	Windows® 7 ProSP1
Processor	Intel Core2 Processor
RAM [GB]	2
Hard disk [GB]	320
USB ports	1 x USB 2.0 Hi-Speed ports
Graphics card	with NVIDIA® or ATI® chipset / 512 MB of unshared video RAM with support for DirectX 9 or higher
USB chipset	Intel or NEC® / RENESAS®
Screen resolution	1280 x 1024 or higher

(Also Windows XP Pro SP3 and Windows Vista compatible)

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