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DVC300
Video Colposcope

High-resolution colour digital CCD with full HD image

Capture details with higher accuracy improving diagnostic capability

- Captures details with higher accuracy and with extended magnification (46X) improving diagnostic capability and guaranteeing patient safety.
- Perfect combination of outstanding HD camera, powerful software and innovative 2,5" screen display.
- Multiple and accessible tools allow for a more complete and versatile diagnostic information critical in the clinical decision making of the gynaecologist.
- A variety of image modes, True tissue colour, electronic green filter, quick identification of abnormalities, Status Mode control, acetic acid timing control.

Unique light source design

The brightness adjustable LED cold lighting technology enhances image capture capabilities and increases the life time of the camera increasing the return on investment.

User Friendly Design

The fast auto-focus control with AUTO adjust of white balance, the 360° adjustable full-damping camera holder, the built-in battery supply power combined with the light weight make all examinations easy and comfortable.

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General Specifications

Standards Compliance:	GB/T 14710-2009; IEC 60601-1: 2005; EN 60601-1:2006; IEC 60601-1-2: 2007; EN 60601-1-2: 2007
Size:	41*28*18 cm
Weight:	Camera ≤0.9kg, Vertical stand 3≤kg
Working Temperature:	+5 ℃ ~ + 40 ℃ (+41 ℉ ~ +104 ℉)
Power Supply:	AC220V±10%、50Hz±2%, Battery、7.2V 2.1Ah

Camera

HD Camera:	1 /2.8 inch SONY CCD -2,1Million Pixel Standard or 3,27 million pixel (Optional)
Image size:	1920* 1080 - Pixel :3,27MPx – Horizontal Resolution: 1080TV Line
Magnification:	Optical 30x, Digital 16x
Light source:	24 LED bulbs , 50000+ hours of operation
Illumination:	More than 4300Lux、working distance L=250mm、
Functions:	Spot Subtraction Imaging, Colourless Imaging, Natural Light Imaging, LED light Imaging, Four-level green filter
Image Output:	3G-SDI, transmission rate: 2,97Gb/S
Focus mode:	Fast auto focus, manual focus, Independent control
Working distance:	200、400mm – Field of View : Φ16、480mm
Image mode:	White and black image, Natural light image, LED light image, Four-level green filter
Imaging Technology:	Dark-light imaging technology: colour images can be clearly observed in dimly illuminated examination room
Mode display:	magnification, focus mode, freeze mode, Imaging mode, green mode status display, and acetic, acid reaction and iodine staining test time display, controlled by the handle button

Standard Accesories

Control Handle:	Ergonomic operation panel, silicone button oval layout, zoom, focus, imaging mode, acetic acid timing, image marking, brightness adjustment and other functions can be completed with one hand.
Camera holder:	Full-dampness camera holder, 360-degree adjustment, automatic stop at any angle, with damping fine-tuning function
Vertical stand:	Light and flexible adjustable stand, height 90cm: 115cm
Back reading LCD:	2.5 " LCD, real-time observation of dynamic images.
Foot Switch:	IPX1 waterproof foot switch with image capture and video control

Optional Accesories

Workstation:	PC workstation with HD 21" LCD display & Code Scanner. Dedicated adjustable trolley for workstation & monitor
USB Video Card and HDMI Converter:	Capture , transfer and record all dynamic, static and full screen Images onto your PC or monitor.

Ergonomic Design

Ergonomic handle design, easy-to-use operation panel, with: zoom, focus, imaging mode, image marking, brightness adjustment and other functions accessible with a single hand.
Flexible and lightweight adjustable vertical stand.
Easy to assemble/disassemble and compact storage ensure this is an ideal system when portability is required.

High Quality Image

HD colour digital camera combined with HD screen and capture card, ensure high quality and clear images for more accurate diagnosis. The PCI and USB connectivity allow for quick and accurate transfer of colposcopy images to our digital video workstation system. DICOM 3.0 standard.

Advanced Workflow

Includes DV C300 SW for laptop and workstation. Outstanding functionality: image acquisition, image processing, clinical diagnosis, video recording, freezing, editing, report printing and storage. Allows editing and printing with ease both with standard tools and templates as well as allowing for design and personalization of all reports and features. Supports various formats of diagnosis reports and RGB image printouts.

Full Connectivity

The high speed USB and PCI card offer seamless connectivity with a Laptop or workstation for image acquisition, image processing and complete printing capability with Windows Printers.

USB

PCI Card

Laptop or Work-Station

Printing

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