

# Video Colposcope



## Outstanding Image Quality

The Video Colposcope provides high-resolution imaging, combining power, light and video, plus superior diagnostics and simple information management. It is an important diagnostic tool for cervical colposcopy, high-resolution anoscopy and sexual assault or abuse examinations.

- Superior true color cervical assessment with integrated lamp that generates light 50% whiter and brighter than any halogen light source for truer tissue color.
- Reduces glare with no loss of light.
- Enables on-screen magnification to see images in greater detail.

Video colposcopy provides the added option of simultaneous viewing for you and your patient, creating a unique opportunity for clinical screening and treatment education.

- Increases patient compliance for follow-up care.
- Improves outcomes and decreases time your office spends in tracking down patients.
- Helps patients understand clinician's procedure while it is happening.

## Integration

The Video Colposcope easily integrates into existing telemedicine systems. It can be used with either software-based or codec videoconferencing.

- Works with GlobalMed's CapSure® Image Automation software to acquire, annotate and preserve colposcopic images into a patient's medical record.
- Makes your remote consults easier and more effective.

Works with your PC or Mac and on most popular video codecs including:



## Technical Specifications

|                               |                                                                                           |                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Requirements            | Voltage<br>Frequency<br>Current                                                           | 115VAC domestic, 220-240VAC international<br>50/60Hz<br>1.0 Amp                                                                                                         |
| Dimensions                    | Vertical Stand<br>Swing arm stand<br>Optical centerline to swing arm bottom<br>Colposcope | Low: 36.0", high: 46.0" (91.4 cm to 116.8 cm)<br>Low: 29.5", high: 49.5" (74.9 cm to 125.7 cm)<br>15.0" (38.1 cm)<br>8.25" x 5.75" x 3.37" (21.0 cm x 14.6 cm x 8.6 cm) |
| Weight                        | Colposcope<br>Vertical Stand<br>Swing arm stand                                           | 3.1 lbs (1.4 kg)<br>25 lbs (11.3 kg)<br>80 lbs (36.3 kg)                                                                                                                |
| Operating Environment         | Ambient temperature<br>Relative humidity<br>Atmospheric pressure                          | 50°F (+10°C) to 104°F (+40°C)<br>95% max<br>70kPa to 110kPa                                                                                                             |
| Illumination                  | Lamp type<br>Lamp life<br>Brightness adjustment<br>Lamp<br>Lamp voltage                   | 21 Watt metal halide arc<br>750 hrs @ 1 hr per start<br>Automatic electronic shutter<br>Welch Allyn part no. 09800=U<br>60 volts                                        |
| Cooling Method                | Forced air via fan                                                                        |                                                                                                                                                                         |
| Video Control                 | S-Video (Y/C)                                                                             |                                                                                                                                                                         |
| Remote Control                | RS-232                                                                                    | 9-Pin D Female Connector                                                                                                                                                |
| Transport/Storage environment | Ambient temperature<br>Relative humidity                                                  | -40°F (-40°C) to 120°F (+50°C)<br>95% max.                                                                                                                              |
| Fuses                         | T1.00L-250V<br>(Welch Allyn part # 488307-9)                                              | 1 Amp time lag,<br>Low breaking capacity                                                                                                                                |
| Classification                | Electro medical equipment                                                                 | FDA Class I equipment                                                                                                                                                   |

## Minimum System Requirements

- Pentium/Celeron Family 800 MHz
- 258 MB RAM
- PC Monitor with 1024 by 768 resolution, 256 color minimum
- Windows® 2000 or Windows® XP operating system
- Available IEEE 1394 Port or PCI/PCMCIA Card Slot
- Dedicated RS-232 Port (for direct communication with video colposcope)
- CD-ROM Drive (for software installation)
- 20 GB Hard Drive Space for image storage

## Usage Specifications

- Illumination: Solarc 5500 °K Color Temp
- Focal Length: 300 mm
- Magnification: 4.5X–30X
- Field of View: 66–14 mm
- Depth of Field: 112–5 mm
- Power Supply: 110/120 V, 220/240 V

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