



## VIDEO COLPOSCOPE GLC-2000

The **Digital Video Colposcope Imaging Systems** are intended for magnified viewing of the vagina, cervix and external genitalia in order to diagnose abnormalities and select areas for biopsy.

The GLC-2000 series of video colposcopes have patented technologies that enable gynecologists to observe the cervical examinations on a color video monitor and perform image zooming, **electronic green filtering** and freeze operations. In addition, with image workstation, image data can be acquired, saved, archived for storage and subsequent retrieval, edited into diagnosis reports and analyzed, or the images can be printed on a color printer.

The **Digital Video Colposcope Imaging System** consists of a 1/4" **Super HAD CCD color camera** and image management workstation. Tissue is magnified and viewed directly either via a 5.6" LCD screen attached to the capture device or on the 14" color monitor attached to the image workstation.

The **Digital Video Colposcope Imaging Systems** is non-patient contacting CCD color cameras with a magnification of x 1 – x 18, working distances supporting 150-350 mm, and a green filtered light source mounted on a floor stand.

**Two versions are available:** the model A and model B (see specifications below)

- **Super HAD Color CCD and High Speed DSP**
- **Long Life and Ultra Bright Circular LED Group Light Source**
- **Fast Focusing, Zooming, Light Source, Image Freeze, and Electronic Green Filter, All in a Hand-Held Unit**
- **Fast Auto/Manual Focusing**
- **Internal Image Freeze Function**
- **Anti-Vibration Image Acquisition Control**



### Configuration

The GLC-2000 comes with an image workstation which consists of a CCD camera, computer + software, LCD monitor 17", keyboard and colour printer.

### Specifications

- Resolution: 1/4" Super HAD color CCD, 440.000 pixels (MODEL A); 1/4" Super HAD color CCD 680.000 pixels (MODEL B)
- Horizontal Resolution: 470 lines (MODEL A); 480 lines (MODEL B)
- Image Output: S-video, Video (MODEL A); S-video (MODEL B)
- SNR: 50 dB
- Working Distance: 200-300mm (Auto Zoom)
- Focusing Mode: Fast Auto or Manual
- Zooming: 1-18x (typ.) (MODEL A); 1-25x (typ.) (MODEL B)
- Field of View: Ø120mm-12mm
- Depth of View: 180mm-5mm
- Electronic Timer: NO (MODEL A); YES (MODEL B)
- Magnification Indicator: NO (MODEL A); YES (MODEL B)
- Anti-vibration Image: Circuit control (MODEL A); CCD + circuit control (MODEL B)
- Light Source: Multi-point circular LED group
- Green Filter: CCD electronic green filter (no illumination decrease)
- Image Freeze: Control button (1 frame of image remains)

