



HM-COL-0660 III C COLOSCOPE WITH CAMERA



The HILLMED Colposcopes series are precise optical instruments designed especially for the gynecologic examination and diagnosis. Due to the magnification of the instrument, the pathological changes in the vagina, which is impossibly viewed with naked eyes, can be clearly seen with the instrument. Therefore, the correctness of a diagnosis is enhanced significantly. HILLMED Colposcopes series are featured for sharp image, wide field of view, uniform illumination, adjustable brightness and easy operation. They are the essential instruments for gynecologic examination.

Characteristics:

Observation angle: 45°tilted

Magnification of eyepiece: 16X

Interpupillary distance: 50mm-80mm

Diopter: ±5D

Focal length of objective: F=300mm



Magnification changer: 5-step: 0.4X, 0.66X, 1X, 1.5X, 2.5X

Total Magnification: 3X, 4.5X, 6.6X, 10X, 17X

Linear field: 90mm, 55mm, 37mm, 24mm, 13mm

Fine focusing distance: 20mm

Balance arm: Counterweight adjustable and can be locked

Illumination: Coaxial illumination with 10W LED light source, brightness adjustable

Illumination: >20000lux

Filter: Build-in green & blue filter

Stand: Short column fitted on the five-star base
With beamsplitter, and TV adapter, C-mount 1/3" CCD camera attachable

Power supply: AC100V-240V

Optional accessories: Demonstrator, Camera, Photo adapter, Monitor, Objective (F=230mm & F=280mm)

FEATURES & SPECIFICATIONS

HardWare

- A Sony CCD Microscope Digital Camera with C Mount(MDCC) , with 2.0M pixel resolution, with high quality, true color(RGB24) and easy USB2.0 PC interface
- Built-in reduction lens for possible largest field of view
- Fits all kinds of microscopes including biological, stereo, and metallurgical microscope with monocular, binocular, trinocular observation head
- Parfocal with all microscopes
- Calibrating kit for defining tolerances and obtaining meaningful measurements(optional)

Driver included

- DSHOW and TWAIN drivers,let you use others software like Amcap, ACDSee and PhotoShop or your own application to records live videos on your computer.
- Compatible with Windows 2000/XP/2003/Vista /2008/Windows 7

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Software ScopePhoto

- Compatible with Windows 2000/XP/2003/Vista/2008/Windows 7
- User-friendly sophisticated software ScopePhoto & manual
- Shows live video on your computer screen and let you captures microscope images you want
- The captured image can be saved in the format your specified as listed in the left table
- Measures lengths, angles and areas across microscope images(A very powerful measurement functions)
- Edits microscope images on your computer in the same way as PhotoShop does
- Detailed user's instructions for easy installation, smooth operation, and possible software upgrade

ScopePhoto file format supported

- WindowBitmap(*.bmp,*.dib,*.rle)
- JPEG(*.jpg,*.jpeg,*.jpe,*.jif,*.jfif)
- Portable Network Graphics(*.png)
- Tag Image File Format(*.tif,*.tiff)
- CompuServe GIF (*.gif)
- Targa(*.tga)
- PhotoShop(*.psd)
- ICON(*.ico)
- Enhanced Window Metafile(*.emf)
- Window Metafile(*.wmf)
- JBIG(*.jbg)
- JPEG2000 Standard(*.jp2)
- JPEG2000 CodeStream(*.j2k)
- Wireless Bitmap(*.wbmp)
- Scope File Type(*.sft) (to save the measurement results with the image together)

PACKING LIST

- One USB2.0 Microscope Digital Camera
- One USB Cable
- One CD with Drivers, Software ScopePhoto, Manual, Driver, and User's Instructions.