

## AL-106 High-Definition Digital Colposcope & Image and Data Management Software

AL-106 Digital Video Colposcope is now available in high definition with enhanced megapixels, HDMI connection, and multiple green filters. The AL-106 has innovative white and blue LED lights that ensures ultra-bright visualization and a long life cycle. It's spot-on-spot subtraction technology and unique CMOS/optics design provides high-definition images and improved visual of blood vessels and meticulous detail.



# Features & Benefits



- High-definition  $\geq 1.43\text{M}$  megapixel color CMOS  
(Note: Additional option to upgrade to 3.27 megapixels)
- Brilliant multi-point Blue & White LED light source
- HDMI connection
- 1x-40x display magnification
- Ultra-fast auto-focus technology
- Built-in video capability
- 3-grade Green filter function
- Vertical and height-adjustable floor stand



#### **AL-106 includes:**

- Video Colposcope
- Rolling Base

#### **Optional:**

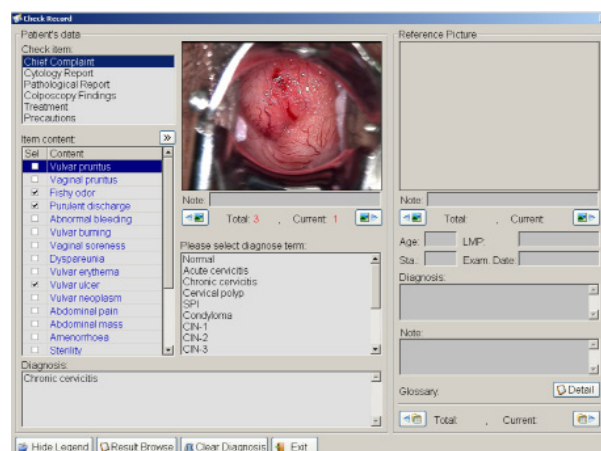
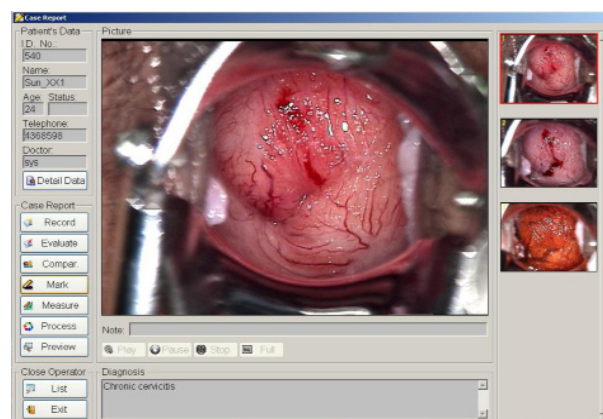
- Pre-Loaded Image & Data Management Software
- Desktop Computer System (Keyboard & Mouse)
- Flat-Screen Color Monitor
- Available in a Lap-Top version

# Image & Data Management System with Forensic Capability



Designed for use with our AL-106 Digital Video Colposcope, the Image & Data Management Software allows for the capture and management of colposcopy images into a self-contained patient record.

- Ability to compare current and previous images
- Complete system security, internal password protection
- Image measurement
- Full video capture capability
- Statistical analysis
- Image annotation
- User-friendly system
- Includes a large offering of standard examination and diagnosis templates
- Easily customizable to specific clinical requirements and preferences
- Click-box and manual diagnosis entry
- System automatically creates variety of report options



## Software includes:

- CDC User Manual
- Capture Cord
- Security Key
- Foot Switch

# Technical Specifications

**Imaging Module:** Sony 1/4 type Exmor CMOS Sensor, 1.43M megapixels

**Lens Resolution:** 1280x720

**Output:** HDMI, YPbPr

**Horizontal Resolution:**  $\geq 620$ TVL

**Working Distance:** Normal 200-300mm (auto-zoom)

**Magnification:** Optical 36x; Digital 40x

**Field of View:** At 1x~60mm; At 32x-6mm

**Depth of View:** 5~120mm

**Light Source:** Multi-point LED white and blue light

**Colors:** White, green, blue light, with bright or dark selection

**Image Freeze:** Button selection

**Focusing Method:** Fast automatic and manual focusing

**Image Display:** Color LCD monitor or laptop

**Computer:** Video image compatible

**Power Requirement:** AC 100-240V

**Illumination:**  $\geq 2500$ Lux

**Light Source Lifetime:** 10,000 hours minimum

**Printer:** Optional

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- 010466 AL-106 High Definition Digital Video Colposcope
  - 010466SA AL-106 Digital Video Colposcope w/ Swing Arm
  - 010477 Image and Data Management System
  - 010475 Image and Data Management System (Desktop and Medical-Grade Monitor)