

MEDGYN AL-106



ABOUT

The **MedGyn AL-106** is a digital video **colposcope** built for OB/GYN examinations. It replaces the optical design of older systems with a CCD camera and bright LED lighting that give consistent illumination and a long service life. Three green filters in the optical path improve visibility of blood vessels and cervical tissue. The unit connects with MedGyn's optional image management software to store and organize patient images and data.

FEATURES

- **High-Resolution Imaging:** The 440K-pixel CCD camera delivers 40× magnification and 550 horizontal lines, giving sharp, detailed views during exams.
- **Optical Filter Set:** Three green filters enhance image contrast and make tissue structures easier to distinguish.
- **Viewing Range:** Working distance can be set between 200 mm and 300 mm, with a depth of field from 5 mm to 120 mm for flexible positioning.
- **Software Connection:** Works with MedGyn's Image & Data Management Software for image capture, patient record organization, and report creation.
- **Operational Controls:** Includes auto and manual focus, image freeze, and live video output for precise visual work.
- **Power Options:** Operates on 110/240 VAC (50/60 Hz) and can run on an optional battery backup when mobility is required.



SPECIFICATIONS



IMAGING

Pixels: 440K

Magnification: 40x

Horizontal Resolution: 550 lines

Camera Type: CCD

Field of View: 60mm – 6mm

Light Source: White LED

OPERATIONAL SPECIFICATIONS

Working Distance: 200mm – 300mm

Depth of View: 5mm – 120mm

Filters: 3x Green

Focus: Auto/Manual Function

Video Capability: Yes

Image Freeze Function: Yes

POWER

Main Power: 110/240VAC 50/60HZ

Battery Backup Option: Available

CONNECTIVITY

Connection: AV

Wireless Signal Transmission: Not Specified