Photo/Video Colposcope

LEISEGANG MODEL 3ML LED

ABOUT

The **Leisegang 3ML LED** is a photo/video colposcope designed for examining and documenting clinical findings. It offers three magnification settings, 7.5x, 15x, and 30x, with a 300 mm working distance. Its convergent optical system provides a viewing path for examination, while the integrated photo/video optics support image documentation. An external digital SLR or video camera can be connected to capture photos or video. The system uses white LED illumination and includes fine positioning adjustments for accurate examination.



FEATURES

Three Magnification Settings: Switches between 7.5x, 15x, and 30x magnification.

Convergent Optics: Provides a convergent optical path for viewing during examinations.

White LED Illumination: Delivers 45,000 to 52,000 lux at a 300 mm working distance.

External Camera Connection: Supports connection of a digital SLR or video camera for photo and video documentation.

Fine Adjustments: Includes 40 mm horizontal and 80 mm vertical fine adjustment, plus eyepiece diopter correction from +7 to -7.



*OPTIONAL UPRIGHT-STAND



*OPTIONAL BALANCE-O-MATIC-STAND

Leisegang Model 3ML LED Colposcope

SPECIFICATIONS

OPTICS

Magnification: 7.5x / 15x / 30x

Field of View Diameter: 46 mm / 23 mm / 11.5 mm (at 7.5x / 15x / 30x)

Working Distance: 11.8 in (300 mm)

Dioptric Correction: +7 to -7 diopters

Beam Path: Convergent

Green Filter: Pivotable

ILLUMINATION

Light Source: White LED

Intensity: 45,000 - 52,000 lux

Color Temperature: 5,700 - 6,000 K

Light Field Diameter: 58 mm

Power Consumption: 10 W

PHOTO & VIDEO

Imaging Optics: Integrated photo and video optics with a magnification changer

Camera Connection: Interface for an external digital SLR or video camera

MOUNTING OPTIONS

Optional Stands: Upright stand, Swing-O-Matic stand, or Balance-O-Matic stand

Optional Setup: Roller base or mounted to an examination chair

POWER REQUIREMENTS

Voltage: 100 - 240 VAC

Frequency: 50/60 Hz