



Leisegang's highly acclaimed colposcopes are renowned for unparalleled precision, uncompromising quality, and lasting performance. Specially selected, hand-polished and hand-set German optics, parfocal 3-step magnification, and convergent optical beams contribute to Leisegang's remarkable depth and clarity. These light-emitting diode (LED) colposcopes offer the highest-intensity LED light on the market, coupled with improved balance contrast and increased stereoscopic 3-D clarity.

Features

- 3-step magnification drum changer (3.75x/7.5x/15x)
- Inbuilt LED lamp
- Individually adjusting oculars with measuring reticles
- Measuring reticules in optical pathway for lesion assessment
- Gross and fine focusing and height adjustments
- Green filter
- Ability to upgrade to digital colposcopy systems or analog camera (with additional purchase)



Specifications

Dimensions

Device Dimensions

Roller Base footprint: 65 x 65 cm

Tilt footprint: 30 x 30 cm

Bases of mounts (spider base): 65 x 65 cm

Bases for mounts (tilt mount): 30 x 30 cm

Device Weight

Standard colposcope head: 3.5 kg

Swing Stand: 7.0 kg

Balance-o-Matic Stand with weighted base: 24.5 kg

Upright stand with roller base: 7 kg

Tilt Stand: 3 kg

LED Power Supply: 0.5 kg

Operational

Mode of use: Not suitable for in an Oxygen-enriched environment

Operating Mode: Suitable for continuous operation

Applied parts: the device had no applied parts that come into direct contact with the patient

Working Distance: 300 mm

Power

Input: 100 - 240 V ~, 2 Amax, 50/60 Hz

Output: 3.2 V - 3 Amax / 5V - 600 mAmax

Protection against electric shock: protection class II

Integrated Illumination

LED: Light-emitting diode

Power Consumption: 10 W

Intensity of illumination EV: 23.000-35.000 lx (with a distance of 300 mm)

Color temperature T F: 5.700 - 6.000K

Light Field Diameter: 78mm

Field of View Diameter: 76/38/19 mm

Environmental Temperature: 10 45 °C

Relative Humidity: 30-75%, non-condensing

Air Pressure: 700-1.060 hPa

Storage: dry, cool, protected from dripping water, protected from condensation

Environmental and Storage Conditions