

# LEISEGANG OPTIK 2



## ABOUT

The Leisegang OptiK 2 Colposcope provides high-quality imagery and precision optics, tailored for gynecological examination and diagnosis. Known for German engineering excellence, the OptiK 2 combines durable construction with enhanced visual clarity. Designed to improve clinical workflows, this colposcope features advanced LED lighting and ergonomic controls, delivering consistent, clear images with lasting performance.

## FEATURES

- **Exceptional Optics:** Equipped with convergent optical beams for precision-focused images.
- **Three-Step Magnification:** Provides 3.75x, 7.5x, and 15x magnification for detailed examination.
- **LED Illumination:** Energy-efficient, daylight-similar LED with a stable color spectrum for improved contrast and visibility.
- **Long-lasting LED:** LED light source with a lifespan exceeding 20,000 hours, ensuring years of reliable performance.
- **Adjustable Viewing:** Independently adjustable oculars and diopters offer customized focusing options.
- **Workflow Integration:** EMR compatibility for capturing and storing images in digital records.
- **Ergonomic Design:** Includes gross/fine focus and height adjustments for ease of use.



# SPECIFICATIONS



## POWER AC

Voltage: 100-240 V AC

Frequency: 50/60 Hz

Power Input: 16 W

## OPTICAL SYSTEM

Magnification Levels: 3x, 5x, 10x

Field of View: 15 mm – 100 mm

Depth of Field: 2 mm to 8 mm

Working Distance: Adjustable from 200 mm to 400 mm

## ILLUMINATION

Light Source: LED

Light efficiency: 25%

Light Intensity: 24,000 Lux.

Adjustable Brightness: 5 levels

Color temperature: 5,000 – 5,600 (in Kelvin)

## ENVIRONMENTAL CONDITIONS

Operating Temperature: 10°C to 40°C (50°F to 104°F)

Storage Temperature: -20°C to 50°C (-4°F to 122°F)

Humidity Range: 10% to 90% (non-condensing)