



The Zeiss OPMI LUMERA T is a surgical microscope with a Stereo Coaxial Illumination (SCI). Even with strongly pigmented, decentered, and ametropic eyes, the LUMERA T produces a high-resolution and a high-contrast view. This LUMERA microscope features a backup bulb if necessary and is integrated with Superlux Eye xenon illumination. The Superlux Eye xenon illumination allows you to see the anatomic structure of the eye in its natural colors and in highly accurate detail. This microscope can optionally be equipped with a fully independent assistant's microscope.

Features

- Instant red reflex.
- Natural color impression.
- DeepView depth-of-field management system.
- Magnetic brakes that make positioning the surgical microscope very simple.
- Automatic light control.
- Optics: Apochromatic
- Motorized Zoom Ratio: 1:6
- Light Source: Superlux Eye xenon
- Objective Lens: $f = 200$



Specifications

Surgical Microscope

Apochromatic optics
Motorized Zoom: 1:6 zoom ratio
Magnification Factors: 0.4 to 2.4x
Focusing Range: 50 mm
Binocular Tube: Invertertube (optional 0-180° tiltable tube)
Eyepieces: 10x (12.5x optional)
Objective Lens: f = 200 mm (f = 175 mm optional)
DeepView: Depth of field management system
Integrated assistant's microscope
Fully Stereoscopic

Illumination

SCI: red reflex illumination and surrounding field illumination, both dimmable, patent pending
Retinal protection device
Fiber optic illumination
Light Source

Light Source

Superlux Eye xenon Light Source with manual bulb change
HaMode filter
Optional: 12V, 100W halogen Light Source with fully automatic bulb change in case of lamp failure
Option: dual halogen Light Source
Optional: xenon / halogen combi Light Source
Integrated 408 nm UV barrier filter
Blue-blocking filter
Optional: fluorescence filter

XY Coupling

40 mm x 40 mm adjustment range
Button for starting positions of the X-Y coupling and focus

Weight

13.7 kg (30.2 lb) (with Invertertube, integrated assistant's microscope, objective lens, and eyepieces)

Suspension System

S88 floor stand
S8 ceiling mount
S81 ceiling mount
Maximum load: 20 kg (44.1 lb) (complete microscope equipment, including accessories)