



The **Zeiss OPMI LUMERA i** features more clarity, contrast, and stability than previous models. The LUMERA i allows you see intricacies of the ocular anatomy that you have never seen before with the help from Stereo Coaxial Illumination (SCI). Contours appear razor sharp. This microscope allows you to easily recognize different structures and fluidics, even with dense cataracts. The LUMERA i has the ability to equip a stereo co-observation tube allowing a second person to see the surgical field at the same magnification level.

Features

- Targeted surgical area shines brightly and vividly.
- DeepView allows you to switch between maximum transmission and the maximum depth of field, whichever is required.
- Integrated video camera control unit that can be transmitted to another monitor.
- Touchscreen controls on the stand.
- Motorized zoom.
- Zoom ratio: 1:6.
- Achromatic optics.
- Focusing Range: 50 mm
- SCI: Red reflex illumination



Specifications

Surgical Microscope

Apochromatic optics

Motorized Zoom: 1:6 zoom ratio

Magnification Factors: 0.4 to 2.4

Focusing Range: 50 mm

Binocular Tube: 0-180° tiltable tube (Optional invertertube)

Eyepieces: 10x (12.5x optional)

Objective Lens: f = 200 mm (f = 175 mm optional)

DeepView: Depth of field management system

Illumination

SCI: red reflex illumination and surrounding field illumination, both are adjustable, patent pending

Integrated 408 nm UV barrier filter

Blue-blocking filter

Retinal protection device

Fiber optic illumination

Optional: Fluorescence filter

Light Source

12V, 100W halogen Light Source with fully automatic bulb change in case of lamp failure

X Y Coupling

61 mm x 61 mm adjustment range

Free programmable button for starting positions of X Y coupling, focus, and zoom.

Weight

18.74 lbs (8.5 kg) (With 180° inclinable binocular tube, objective lens and eyepieces).

Suspension System

Floor stand

Maximum load capacity: 14 kg (Complete microscope equipment, including accessories)

