<u>OMA technology, inc.™</u>

New, Demo & Refurbished Medical Equipment

The **Zeiss OPMI LUMERA 700** combines a surgical microscope with commercial OCT for ophthalmic applications. The OPMI LUMERA 700 with integrated intraoperative OCT seamlessly integrates into your surgical workflow adding a real-time 3rd dimension to your visualization capabilities. This system allows the surgeon to view transparent structures of the eye during the surgery and instantly monitor your surgical decisions, progress, and outcomes. The non-contact fundus viewing systems provide a clear, detailed visualization of the retina.

Features

- Quick switching between a second lens and magnification.
- Real-time reassurance during retina surgery.
- Stereo coaxial illumination (SCI).
- Highly stable, high-contrast red reflex.
- Assistance functions in the eyepiece.
- Motorized zoom system with apochromatic lens.
- Zoom ratio 1:6.
- Magnification factor = 0.4 x-2.4 x
- Focusing: Electric/motorized
- Focus range: 70mm



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Specifications

Surgical Microscope	Motorized zoom system with apochromatic lens
	Zoom Ratio: 1:6
	Magnification factor: 0.4 x-2.4 x
	Focusing: electric / motorized, focus range: 70 mm
	Objective lens: f = 200 mm (optionally also f = 175 mm or f = 225 mm with support ring)
	Binocular tube: Invertertube E (optionally also Invertertube, 180° swivel tube, f = 170 mm, inclined tube, f = 170 mm)
	Wide-angle eyepiece 10 x (optionally also 12.5 x)
Light Source	SCI: Coaxial and full-field illumination (patent pending)
	Fiber-optic illumination Superlux Eye: Xenon short arc reflector lamp with HaMode filter Backup lamp in lamp housing, can be slid into position manually
	LED fiber-optic illumination: Near-daylight color temperature 50,000 hour lifetime at 50 % light intensity HaMode filter 25 % gray filter Class 2 LED device according to IEC 60825-1:2001 For all light sources: Blue blocking filter Optional: Fluorescence filter
Slit Lamp	Slit widths: 0.2 mm, 2 mm, 3 mm, 4 mm Slit height: 12 mm
XY Coupling	Travel range: max. 61 mm x 61 mm
	Automatic centering at the touch of a button
Video Monitor	22" LCD display
	Resolution: 1,680 x 1,050
Stand	Maximum permissible weight load of the spring arm: When the surgical microscope is attached to the arm (without tube, eyepiece or objective lens) and the XY coupling is also attached, a maximum of 9 kg of additional accessories can be attached to the spring arm.



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