

OPTO Novus Surgical Microscope

Modular visualization platform for ophthalmic surgery

SURGICAL MICROSCOPE



Product Overview

The OPTO Novus is a modular surgical microscope platform for ophthalmology. Its apochromatic optical system, coaxial LED illumination and motorized controls are designed to support clear visualization, ergonomic positioning and controlled movement throughout surgery.

Verified Product Profile

Optics: apochromatic, corrected for optical aberrations
Ophthalmic objective: $f = 200$ mm, 60 mm diameter
Eyepieces: 12.5x; 27 mm eye relief; FoVn 24 mm
Power: 90-240 VAC, 50/60 Hz; 200 VA

Core Ophthalmic Specifications

- Motorized 1:6 continuous zoom configuration: 5x to 30x
- Five-step configuration: 5x, 8x, 12x, 20x and 30x
- Observation field with standard objective: 10 to 60 mm
- Interpupillary adjustment: 48 to 78 mm with 200-degree binocular
- Motorized microfocus range: ± 20 mm

Illumination and Control

- High-intensity LED illumination; output varies by configuration
- Bright, adjustable red reflex and coaxial illumination
- UV, IR, cobalt-blue, red-free and simulated-halogen filters listed
- Motorized zoom, microfocus and optional X-Y control by pedal
- Stable mobile stand; 840 x 840 mm base with lockable casters

Available Modules and Accessories

Second-observer binocular interface; X-Y system; SRI Slim image reinversion system; FlexMax non-contact wide-field adapter; automatic safety filter; binocular rotation and extension options; video image-capture configurations.

Specifications, accessories, compatibility and availability are subject to change and may vary by market. Confirm the final quoted configuration with JK Medical before purchase. This overview does not replace the manufacturer's instructions for use.