



SOM 2000

Operation Microscope



OPHTHALMOLOGY / ENT



Description

The product is an advanced double binocular operation microscope designed for two men, ZOOM magnification and foot switch.

Schott optics ensures the surgeon bright, balanced, and fine observation.

Apochromatic technology used in the optical design, ensures coaxial light focus and provides clearer field of view.

Lock device under the microscope arm ensures the safe distance and prevent accidents from happening. Independent electrical control box with the function of automatic diagnosis, which is very convenient for installation and repair if necessary.

Specifications

Eyepiece Magnifications: 12.5×/18B

Objective Lens: f=200

Working Distance: 170mm

Magnification for Main Microscope: 4.6×~27×motorized and manual control continuous magnification

Magnification for Assistant Microscope: 6x,10x,16x

field of view: Φ34mm,Φ20mm,Φ13mm

Diameter of Field: 464+46mm~Φ8.58.588.58mm

Diopter Adjustment: ±7D

Pupil Distance: 55mm~75mm (main microscope is 45mm~80mm)

Maximal Resolution: 119 LP/mm

Focusing Range for Assistant Microscope: ≥30mm

Illumination Source: 12V/100W,cold reflection halogen lamp for medical use

Illumination Type: 6°+0°coaxial illumination of cold light source, 26°oblique illumination

Coaxial Illumination: ≥100000lx,1~9level,panel operated

Oblique Illumination: ≥80000lx,1~9level,panel operated

Reaching Radius of Arm: 1230mm

Adjustable Vertical Range: 880mm~1420mm

Fine Focusing Speed and Range: ≤2mm/s,≥50mm

Speed for X/Y and Range: ≤2mm/s,50mm×50mm

Input Voltage: AC220V±22V/50Hz±1Hz,AC110V±11V/60Hz±1Hz

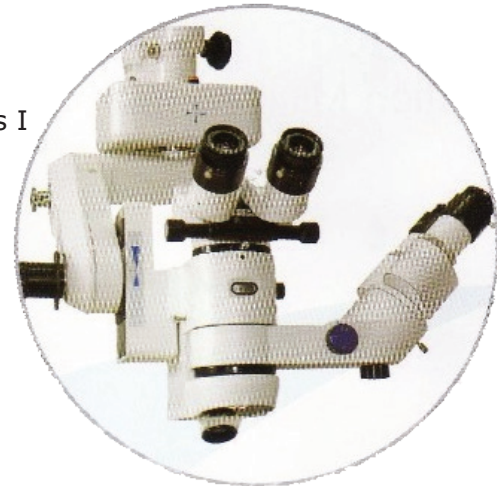
Power: 170VA

Fuse: AC250V T4.04.0444.0000A ,AC1250V T8.0588.0A

Electrical Safety Standard: Executive standard:GB9706.1-2007,Class I

Packing Volume: 0.756m³ ,5cartons

Total Weight: 215kg



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