



SOM-2000

Operating Microscope



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OPHTHALMOLOGY / ENT



SOM-2000



Operating Microscope



- Germany imported Schott optics ensures the surgeon bright, balanced, and fine observation.
- Achromatic 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.

Technical Features

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	6×,10×,16×
Diameter of Field	4646+46mm~8.58.588.58mm
Diopter Adjustment	±7D
Pupil Distance	50mm~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	≥80000lx,1~9level,panel operated
Oblique Illumination	≥60000lx,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	0.756m ³ ,5cartons
Total Weight	215kg



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