



SOM2000D

Operation Microscope



Characteristics:

- Germany imported 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 Magnification	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	46mm~8.5mm
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 T4.0A, AC1250V T8.0A
Electrical Safety Standard	Executive standard:GB9706.1-2007, Class I
Packing Volume	0.756m ³ , 5cartons
Total Weight	215kg