

OPERATION MICROSCOPE

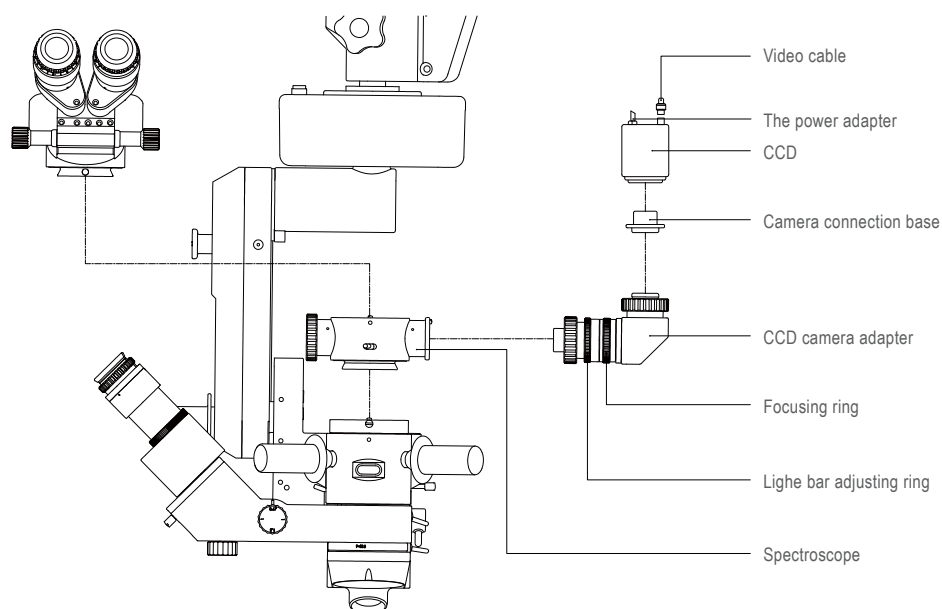


SOM2000D Operation Microscope

- Germany 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 prevents accidents from happening.
- Independent electrical control box with the function of automatic diagnosis, which is very convenient for installation and repair if necessary.



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Specifications

Eyepiece magnification	12.5×
Large objective lens focal length	F=215 mm
Working distance	170mm
Total magnification of main microscope	4.6× ~ 27× motorized and manual control continuous magnification
Field diameter	4.6×(Φ46mm) 27×(Φ8.5mm)
Secondary microscope magnification	6×、10×、14×
Adjustment Diopter	+5D ~ - 5D
Adjustment Range of Pupil Distance	55mm ~ 75mm (main microscope is 45mm ~ 80mm)
Illumination Source	12V/100W,cold reflection halogen lamp for medical use
Lighting mode	6 ° cold light source coaxial lighting; 26 ° oblique lighting
Lighting range	Φ45 (F=215mm)
Tiny focus stroke	≥40mm
Fine focusing speed	≤2mm/s
X-Y movement range	50mm × 50mm (X - ← 0 ~ - 25; in situ 0; X+→ 0 ~ +25; Y- ↓ 0 ~ -25; Home position 0; Y+ ↑ 0 ~ +25)
X-Y moving speed	≤2mm/s
Vertical adjustment range	880mm ~ 1420mm
Reaching Radius of Arm	1230mm
Input power	170VA
Power Supply	AC110V/220V±10%, 50Hz/60Hz