



SOM-1000

Operating Microscope



OPHTHALMOLOGY / ENT



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Operating Microscope



● Cod. **SOM-1000**

- Compact structure and complete functions.
- 4X~24x zoom magnifications, horizontal movement of foot control and fine focusing.
- The optics ensure the sharp image and even field of view.
- Applied in operations and fine examinations of ophthalmology, ENT, surgery, etc...



Technical Features

Eyepiece Magnification	12.5x, 16x
Diopter Adjustment	±6D
View Angle of Eyepiece	30°~90°, optional 180° eyepiece tube
Focal Length of Objective Lens	f=200 mm, optional f=175/250/300 mm
Pupillary Adjustment	50 mm ~ 75 mm
Maximum Resolution	119 LP/mm
Working Distance	190 mm
Light Source	15V/150W, medical cold reflection halogen lamp
Illumination Type	6°+0° coaxial illumination
Coaxial Illuminance	≥ 40,000 Lx
Filters	Orange filter (optional cobalt blue filter)
Reaching Radius of Arm	1020 mm
Adjustable Vertical Range	±250 mm
Fine Focusing Speed and Range	≤2 mm/s, 30 mm
Speed for X/Y and Range	≤2 mm/s, 50 mmx50 mm
Input Voltage	AC 220V/110V±10%, 50Hz/60Hz
Power Consumption	220 VA
Fuse	AC 250V T4.0A, AC 125V T8.0A
Electrical Safety Standard	IEC 60601-1, Class I
Packing Volume	0.418 m ³ , 2 cartons
Total Weight	87 kg



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