SOM 1000
Operation Microscope
Description

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

Specifications

**Eyepiece Magnifications:** 12.5x/16x  
**Diopter Adjustment:** ±6D  
**View Angle of Eyepiece:** 30°~90°, optional 180° eyepiece tube  
**Magnification for Main Microscope (Diameter of Field):** 4x~24x (φ41.5mm~φ7.5mm)  
**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:** ≥80,000 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 mm×50 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 m3, 2 cartons  
**Total Weight:** 87 kg