Description

SOM 3000 Operation microscope has a super optics system, it can give the biggest depth of field. And it has a special diaphragm, so we can change the depth of field slightly. For ophthalmology.

Biinocular tube 30°~90° (0°~200° optional)
Can add HD CCD and 19" LED screen.
BIOM KIT optional

Specifications

**Eyepiece Magnifications:** 12.5×/18B

**Binocular Tube:** 30°~90° (0°~200° optional) variable angle binocular tube, add new pupil distance adjustment

**Objective Lens:** f=200 (f175, f250, f300, f350, f400 optional)

**Working Distance:** 170mm

**Magnification for Main Microscope:** 4.6×~27×motorized and manual control continuous magnification

**Magnification for Assistant Microscope:** 6.8x, 11.4x, 18.2x

**Field of View:** Φ34mm, Φ20mm, Φ13mm

**Diameter of Field:** Φ44~Φ7.7mm

**Dioptr Adjustment:** ±6D

**Pupil Distance:** 55mm~75mm

**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:** illumination diameter of light spot Φ50mm, illumination intensity 100000lux

**Oblique Illumination:** 80000 lux

**Reaching Radius of Arm:** 1200mm

**Stand swing angle of the carrier arm:** 0 ~300°, height from objective to floor 800mm<H<1250

**Fine Focusing Speed and Range:** motorized, range +/-25mm, speed 3s/whole distance

**Speed for X/Y and Range:** move in X-Y direction motorised, range +/-30mm

**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

**Foot switch:** waterproof, 8 function steps

**Total Weight:** 164kg

BIOM Kit optional