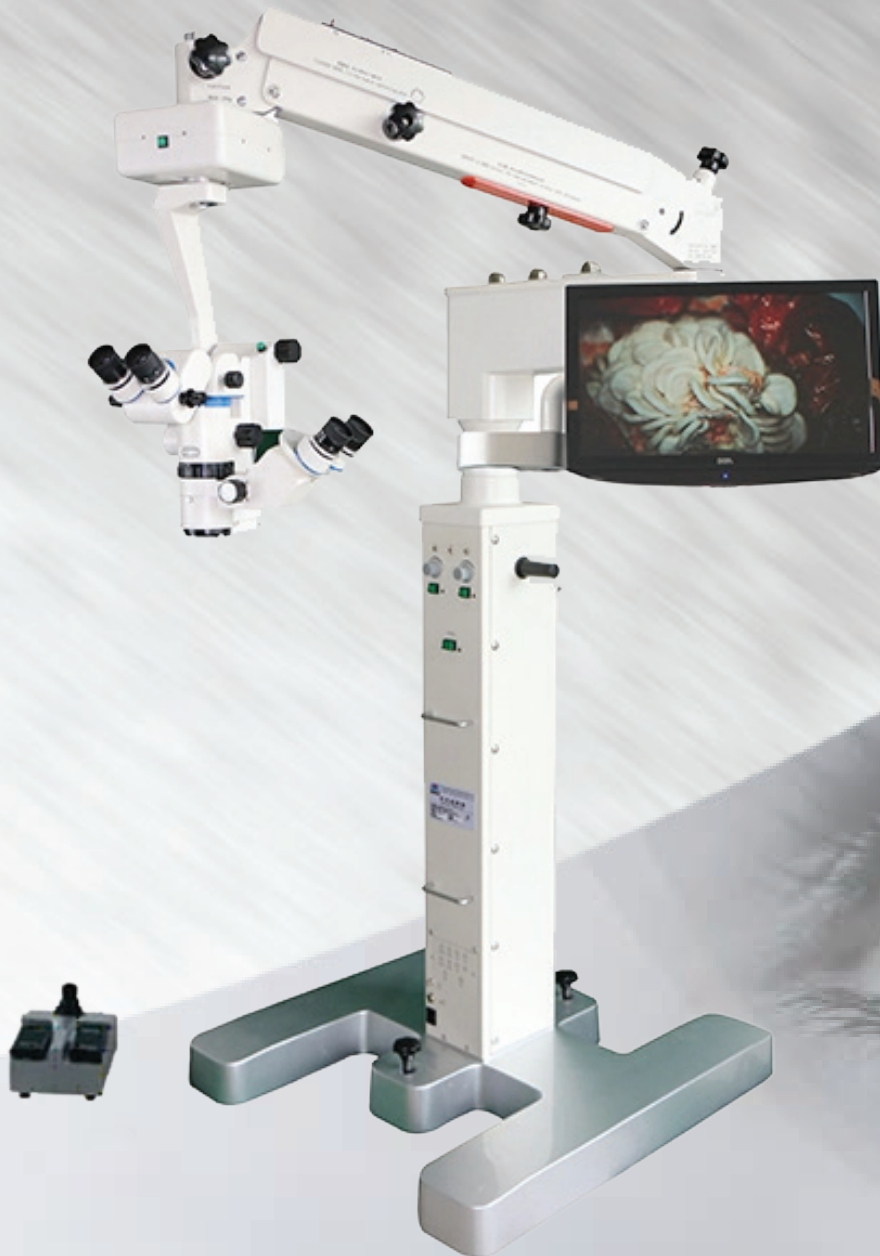




SOM 3000

Ophtalmic Operation
Microscope



OPHTHALMOLOGY / ENT



Description

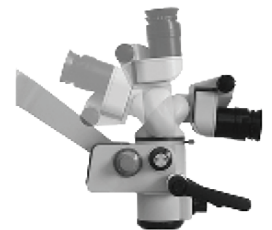
SOM 3000 Operation microscope has a super optics system, it can give the biggest depth of field. And it has a special diaphragm, so we can change the depth of field slightly. For ophthalmology. Biinocular tube 30°~90° (0°~200° optional)
Can add HD CCD.and 19" LED screen.
BIOM KIT optional

Specifications

Eyeiece Magnifications: 12.5×
Binocular Tube: 30°~90° (0°~200° optional) variable angle binocular tube, add new pupil distance adjustment
Coaxial assistant's binocular tube: manual 3 step changer, total magnification 6.8x,11.4x,18.2x field of view Φ34mm,Φ20mm,Φ13mm
Objective Lens: f=175 (f200, f250, etc) (200-500 wide objective lens optional)
Working Distance: 170mm
Magnification for Main Microscope: 4.5×~27.3×,6:1 zoom, motorized, field of view Φ44~Φ7.7
Magnification for Assistant Microscope: 6.8x,11.4x,18.2x
field of view: Φ34mm,Φ20mm,Φ13mm
Diameter of Field: Φ44~Φ7.7mm
Diopter 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
Focusing: motorized, range +/-25mm, speed 33s/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



**30°~90°
(0°~200° optional)**



ESSE3 Via Garibaldi 30
14022 Castelnuovo D.B. (AT)
Tel +39 011 99 27 706
Fax +39 011 99 27 506
e-mail esse3@chierinet.it
web: www.esse3-medical.com

