



YZ20T9

Operating Microscope



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OPHTHALMOLOGY / ENT



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Operating Microscope



- The product is a double binocular operation microscope designed for two men. It has excellent optical performance and it is comfortable to be used.
- Advanced apochromatic technology and unique optical balanced technology effectively improves the binocular visual fusions, strengthens in third dimension and reduces surgeon's tiredness during operations.
- Fine focusing knob is under the bottom of assistant binocular. The observation of the assistant's microscope can be finely focused independently of the main microscope to avoid different observation from surgeons.
- 20° oblique illumination can also be used as slit illumination. Slit width is continuously adjustable.
- For ophthalmic use

Technical Features

Eyepiece Magnification	12.5x/18B
Objective Lens	f=200
Working Distance	190mm
Magnifications for Main Microscope	4x, 6x, 10x, 16x, 25x
Magnifications for Assistant Microscope	6x, 10x, 14x
Diameter of Field	58mm, 38mm, 23mm, 14mm, 9mm
Diopter Adjustment	±7D
Pupil Distance	50~75mm
Maximal Resolution	119 LP/mm
Focusing Range for Assistant Microscope	≥30mm
Illumination Source	12V/100W, Cold Reflection Halogen Bulb for Medical Use
Illumination Type	6°+0°coaxial illumination of cold light source and 20°Oblique Illumination (It can be used as slit illumination) Slit Width is adjustable
Coaxial Illumination	≥50000lx
Oblique Illumination	≥45000lx
Reaching Radius of Arm	1240mm
Adjustable Vertical Range	850~1350mm
Fine Focusing Speed and Range	≤2mm/s, ≥50mm
Speed for X/Y and Range	≤2mm/s, 50 x 50mm
Input Voltage	AC220V±22V/50Hz±1Hz, AC110V±11V/60Hz±1Hz
Power	330VA
Total Weight	213kg



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