

YZ20P5 Operation Microscope



YZ20P5 microscope is a simple binocular coaxial microscope for a single man. The microscope is small, light and convenient. It has a high agility and can meet the requirements for general ophthalmology operation. The microscope fits mobile medical treatment.

Features

- ◆ Multi-layer coating technology is used on optical lenses to enhance transmission rate and prevent mildew.
- ◆ Foot controlled focus, three-step magnification change, good depth of field of view and good binocular fusion to meet the need of cataract surgery.
- ◆ Using apochromatic technology to make different wavelengths of the light focus near the focal point behind the lens, so as to make the operator's vision more clearly.
- ◆ The machine weights only 41Kg to be light and compact and is especially applicable for the mobile medical.
- ◆ Optional desktop components to make the machine more portable and can also be

customized according to special requirements to meet the needs in ophthalmology, ENT and other surgery.

- ◆ Optional F250/F300/F400 lens.

Specifications

Eyepiece Magnification	12.5×
Focal Length of Objective Lens	F=200
Working Distance	190 mm
Magnification for Main Microscope	5.3×, 8×, 16×
Diameter of Field	37 mm, 25 mm, 16.7 mm
Diopter Adjustment	±5D
Pupillary Distance	50 mm ~ 70 mm
Maximum Resolution	100 LP/mm
Light Source	12V/100W halogen lamp for medical use
Illumination Type	6° coaxial illumination of cold light source
Coaxial Illuminance	≥30,000 Lx
Reaching Radius of Arm	870 mm
Adjustable Vertical Range	700 mm~1100 mm
Fine Focusing Range	30 mm
Input Voltage	AC 220V/110V±10%, 50Hz/60Hz
Power Consumption	120 VA
Fuse	AC 250V T4.0A, AC 125V T8.0A
Electrical Safety Standard	IEC 60601-1, Class I
Packing Volume	0.2 m ³ , 1 carton
Total Weight	41 kg

Customizable Accessories

- ◆ Video devices(1/2" or 1/4" CCD, splitters and cable, and interfaces ,etc.)
- ◆ Straight binocular tube, universal connector(for ENT).
- ◆ 4 kinds of lenses(12.5× eyepiece): F250mm, F300mm, F350mm, F400mm.