

OM-120

Operating Microscope



Introduction

- OM Series Operating Microscopes using LED light source for coaxial illumination, have different working distance and magnification. They are featured for flexible handling and easy operation. They can be used for micro-operation in ear-nose-throat, dental, ophthalmology, gynecology, and surgery.
- OM-120 is mainly used for micro-operating in ear-nose-throat surgery.

Technical Specifications

PARAMETER	SPECIFICATION
Observation Angle	Straight
Magnification of Observation	6X
Interpapillary Distance	50mm-80mm
Diopter	$\pm 5D$
Focal Length of Objective	F=200mm and F=300mm two objectives
Magnification Changer	3-step: 0.6X, 1X, 1.6X
Total Magnification	3X, 5X, 8X, 4.7X, 7.5X, 12X
Linear Field	60.8mm, 37.9mm, 23.6mm, 40.6mm, 25.3mm, 15.8mm
Fine Focusing Distance	10mm
Illumination	Coaxial illumination with 10W LED lamp light source, brightness adjustable, illumination>30000lx

Lamp	10W LED lamp
Filter	Built-in green and orange filters
With beam splitter and video camera adapter, C-mount 1/3-inch video camera attachable	
Balancing arm	2-part arm with universal joints, counterweight adjustable and can be locked
Floor stand	2-part column fitted on the five-star base with casters
Power supply input	AC100V-240V, 50-60HZ
Power supply adapter	DC12V3A, 36W
Optional Accessories	Demonstrator, Camera (U3CMOS03100KPA, XCAM1080PHA, XCAM1080PHD, WUCAM0720PA, FHD2100, HD200), SLR camera adapter, Monitor (S24R352FHC), Objective F=250mm & F=400mm, Table mount clamp, Wall mount bracket, Monitor mount (GM112B, DS312B)