

Specifications

Main microscope	
Binocular tube	Parallel 45° inclined binocular tube
Objective lens	F=200mm
Eyepiece	12.5X
Magnification change type	Drum type with 5 change
Total magnification	3.4x, 5.3x, 8.5x, 13.6x, 21.2x
Field of view	φ66.2, φ 42.4, φ 26.5, φ 16.6, φ 10.6mm
X-Y translator (option)	Range: ±25mm
Arm (counter-balanced)	
Length	F=200mm
Rotation angle	12.5X
Column base	
Base dimension	740mm
Power unit	
Primary voltage	AC100-120/AC220-240V
Power frequency	50-60Hz
Maximum power consumption	280VA
Weight	
Weight	96kg

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OMS-90

Operation Microscope

IMPORTANT In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

Not all products, services or offers are approved or offered in every market, and products vary from one country to another. Contact your local distributor for country-specific information and availability.

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TOPCON Healthcare

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An innovative concept providing optimal observation and versatile operation

OMS-90 Operation Microscope



Stain-proof coated objective lens (F=200mm)

The newly developed stain-proof coating is applied to help retain a clear viewing area.

The focal length (F=200mm) provides the standardized comfortable working distance.

Parallel binocular tube

The parallel binocular tube provides a natural stereoscopic view.

PD adjustment knob

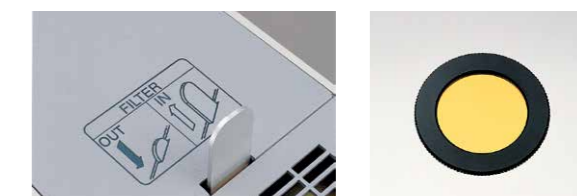
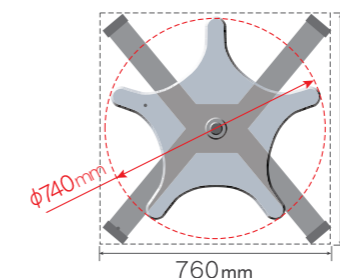
The built-in PD adjustment feature offers easy alignment.

Built-in yellow filter

The flip in/out yellow filter is built into the system to allow full protection against retina phototoxicity.

Compact base

The new sturdy and compact ϕ 740mm base is designed for optimal use of limited operating room floor space.



Optional accessories

X-Y translator

The X-Y translator adaptor provides precise movement around the surgical field. A one-touch re-centering button is provided.

Assistant's microscope

The parallel binocular assistant's microscope provides easy positioning, a wide field of view and 30 degrees of rotation.

Oblique illuminator

The oblique illuminator offers a supplemental light source for indirect illumination. The slit will rotate 30 degrees and adjust from 0 to 20mm in width.

Accessory adaptor

The accessory adaptor is required to attach the assistant's microscope and/or the oblique illuminator to the OMS-90.

Beam splitter (80/20 or 50/50)

An 80/20 or a 50/50 beam splitter is available for the attachment of documentation devices.

1/2 TV attachment

The 1/2 TV attachment incorporates a built-in beam splitter and lets the user connect a 1/2 inch C-mount camera to the OMS-90.

Coaxial illumination

The newly designed illumination system of the OMS-90 assures the finest optical performance. The optical system has been fitted with a new and innovative design that allows the surgeon to view a sharper image, with more clarity than ever before.

The illumination system of the OMS-90 produces a superior red reflex image for assistance in surgical procedures. As shown in the diagram, the innovative system design merges two improved fields of view to produce an enhanced red reflex and unparalleled image quality.

