

# OMS-90

Operation Microscope

Precision optics and effortless operation



Optimal observation and  
versatile operation

# OMS-90

Operation Microscope

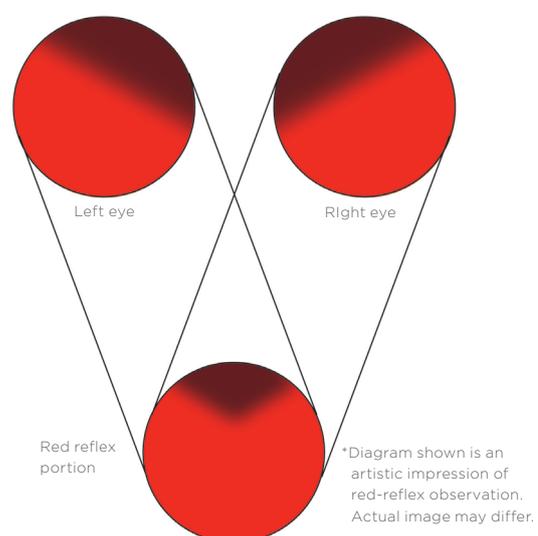


## Coaxial illumination

Coaxial illumination system of the OMS-90 ensures the finest optical performance. The optical system allows the surgeon to view a sharper image.

The illumination system of the OMS-90 produces a superior red-reflex image to assist in surgical procedures. The innovative system design merges two improved field of views to produce an enhanced red-reflex and excellent image quality.

*See image on the right.*



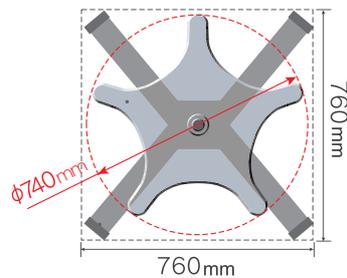
# FEATURES

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

Stain-proof coating is applied to help retain a clear viewing area. The focal length (F=200mm) provides the standardized comfortable working distance.

## Compact base

Sturdy and compact  $\phi$  740mm base is designed for optimal use of limited operating room floor space.



## Parallel binocular tube

Parallel binocular tube provides a natural stereoscopic view.

## PD adjustment knob

Built-in PD adjustment feature offers easy alignment.

## Built-in yellow filter

Flip in/out yellow filter is built into the system to allow full protection against retinal phototoxicity.



# OPTIONAL ACCESSORIES

## X-Y translator

X-Y translator adaptor provides precise movement around the surgical field.

A one-touch re-centering button is provided.

## Oblique illuminator

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

## Beam splitter (50/50, 80/20)

A 50/50 and 80/20 beam splitter is available for the attachment of documentation devices.

## Assistant's microscope

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

## Accessory adaptor

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

## 1/2" TV attachment

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.

## Specifications

<b>Microscope type</b>	Galileo type
<b>Magnification change type</b>	Drum type with 5 changes
<b>Eyepiece (Eyepiece magnification)</b>	12.5x
<b>Objective lens</b>	f=200mm
<b>Display magnification (x)</b>	0.4/0.6/1/1.6/2.5
<b>Total magnification (x)</b>	3.4/5.3/8.5/13.6/21.2
<b>1st arm length (Distance between shafts)</b>	400mm
<b>1st arm rotation range</b>	360°
<b>2nd arm length (Distance between shafts)</b>	560mm
<b>2nd arm rotation range</b>	300°
<b>2nd arm mounting weight</b>	5 - 11 kg
<b>Power supply</b>	AC 100-120, 220-240V, 50-60Hz
<b>Power supply input</b>	280VA
<b>Dimensions</b>	
Base (Base unit)	φ740mm
Base (Base total height)	1,500mm
<b>Weight</b>	96kg

\* Subject to change in specifications and appearance for future improvement without advance notice.

**IMPORTANT** In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation. Not available for sale in all countries. Please check with your local distributor for availability in your country. 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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