



# MICROSCOPE SERIES OM-100

TAKE A LOOK AT OUR NEW OM-100 SERIES  
AND DISCOVER WHY IT IS YOUR BEST OPTION

## OUTSTANDING MOBILITY

All rotary components are assembled on bearings providing smooth and stable motion.

## HIGH IMAGE QUALITY

High quality wide field optics, 5 levels of magnification. Integrated fine focus objective lens and fully adjustable dual maneuvering handles.



**WBS**  
WEIGHT • BALANCE • SYSTEM

Optional high resolution videocamera fully automatic integrated into lightsource

**OM-100F**



COST-EFFECTIVE AS ALL ECLERIS PRODUCTS

# MICROSCOPE SERIES OM-100

## AVAILABLE OPTIONS:



Optional 180° inclinable binocular



Optional LCD stand



**OM-100W**  
Wall mount



**EXCELLENT ILLUMINATION**  
Dual 150 W halogen fiber optic illumination

**HALOLUX**  
SERIES



**ECLERIS**



**OM-100C**  
Telescopic ceiling version



**OM-100T**  
Table mount, easy installation

## TECHNICAL SPECIFICATIONS

<b>SERIES</b>	<b>MICROSTAR OM-100</b>	
	<b>MICROSCOPE</b>	
<b>BINOCULAR TUBES</b>	Straight / 45° Inclined / 180° Inclinable	
<b>OBJECTIVE LENS</b>	Available f: 200 / 250 / 300 / 400 mm (one included)	
<b>MAGNIFICATIONS</b>	Manual changer 5 positions: Factor 4 / 6 / 10 / 16 / 25 X	
<b>FINE FOCUS</b>	Manual	
<b>EYEPIECES</b>	10 X Wide angle Dioptric setting: + / - 5	
<b>FIELD OF VIEW (10 X)</b>	Ø 24 mm / 0,95" (for f: 200 mm) Ø 31 mm / 1,22" (for f: 250 mm) Ø 36 mm / 1,42" (for f: 300 mm) Ø 50 mm / 2,0" (for f: 400 mm)	
<b>INTERPUPILAR DISTANCE</b>	2,16" - 2,95" 55 - 75 mm	
<b>FILTER</b>	Green (orange optional)	
	<b>ILLUMINATION</b>	
<b>TYPE OF ILLUMINATION</b>	Coaxial Illumination through 7 mm fiber optic light guide cable	
<b>LIGHT SOURCE</b>	2 halogen lamps (150 W 15 V each) Video camera input and video output integrated into light source	
<b>ILLUMINATED FIELD</b>	Ø 70 mm / 2,75" (for f: 200 mm) Ø 90 mm / 3,54" (for f: 250 mm) Ø 107 mm / 4,2" (for f: 300 mm) Ø 145 mm / 5,7" (for f: 400 mm)	
<b>ILLUMINATION CONTROL</b>	Manual mechanical diaphragm with continuous adjustment Constant light color	
<b>POWER SUPPLY</b>	100 - 120 VAC, 50 / 60 Hz 200 - 240 VAC, 50 / 60 Hz	
	<b>PANTOGRAPHIC ARM</b>	
<b>TYPE</b>	WBS - Weight balance system	
<b>ROTATION MOVEMENTS</b>	System with proximal and distal rolling bearings	
<b>HEIGHT ADJUSTMENT</b>	25" / 63.5 mm	
<b>MODEL</b>	<b>OM-100F</b>	<b>OM-100W</b>
	<b>FLOOR STAND</b>	<b>WALL MOUNT</b>
<b>BASE</b>	H shape 22,4"x 22,8" / 570 x 580 mm	H shape 10,6" x 10,6" / 270 x 270 mm
<b>OBJECTIVE - FLOOR HEIGHT (Min. / Max.)</b>	30,31" - 55,51" 770 - 1410 mm	
<b>HORIZONTAL RANGE</b>	44,1" / 1120 mm (max)	50,8" / 1290 mm (max)
<b>WEIGHT</b>	142 pounds 64.5 Kgs	46,6 pounds 21.2 Kgs
<b>MODEL</b>	<b>OM-100C</b>	<b>OM-100T</b>
	<b>CEILING MOUNT</b>	<b>TABLE MOUNT</b>
<b>BASE</b>	Circular shape Ø 15,3" / 390 mm	
<b>CEILING HEIGHT (Min. / Max.)</b>	Telescopic system. Adjustable for ceilings from 94,5" / 2400 mm - 118,1" / 3000 mm Extensions for higher ceilings 11,8" / 300 mm	
<b>HORIZONTAL RANGE</b>	44,1" / 1120 mm (max)	44,1" / 1120 mm (max)
<b>WEIGHT</b>	89 pounds 40.5 Kgs	48,8 pounds 22.2 Kgs



Maluenda & Borja Medical Systems S.A.

**MALBO**

Todo en Equipos Médicos.

Mail: ventasmalbo@uio.satnet.net

Teléfono: 0998469428

Quito - Ecuador