



MICROSCOPE

ECLERIS 
INNOVATION VALUE



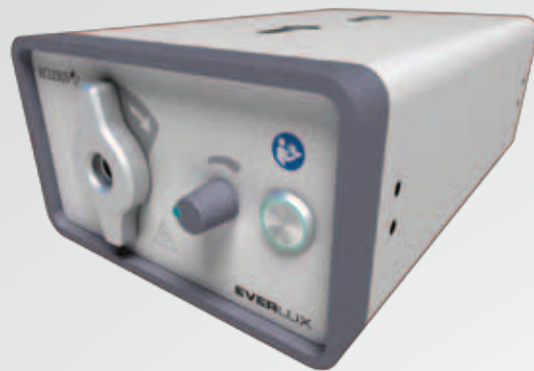
- **HIGH IMAGE QUALITY**

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

- **OUTSTANDING MOBILITY**

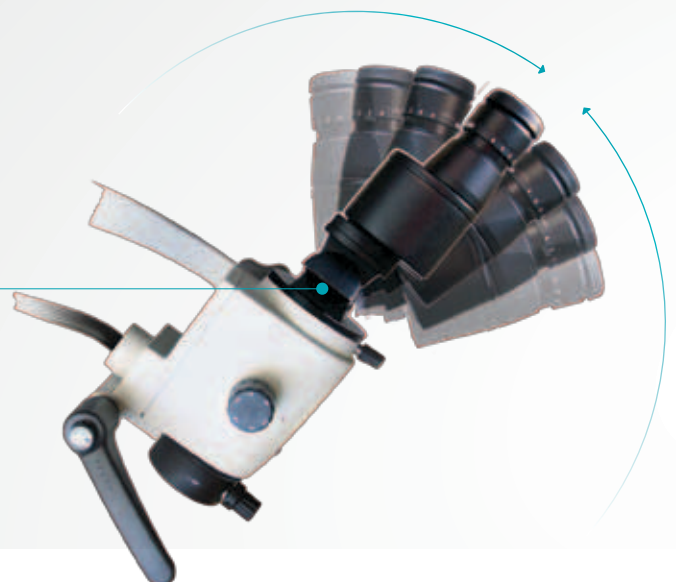
All rotary components are assembled on bearings providing smooth and stable motion.

EVERLUX ILLUMINATION OPTION



- Compact light source, with LED technology, 80 watts, 50,000 hours life LED.
- Cold and white, high intensity light, 6,000 K color temperature.
- Universal connection. For all type of FO cables.
- Electronic dimmer.

Optional 0°-180°
inclinable binocular



OTHER AVAILABLE ACCESSORIES AND OPTIONS

- Optional high resolution fully automatic camera.
- Binocular rotating ring
- Extension arm for standard pantographic arm
- Long pantographic arm version



- Second observer accessories
- Autoclavable covers kit (for knobs and handles)
- Digital data documentation system ENDOdigi



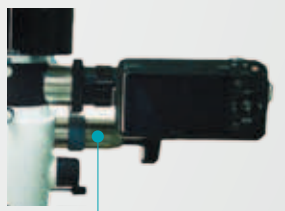
• Optional digital capturing System Endodigi



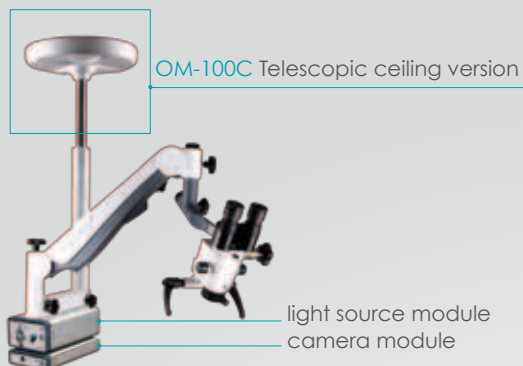
1- MC 247 double port beam splitter.
 2- MC 249 optical tube for second observer.
 3- MC 277 assistant binocular.
 4- MC 248 videocamera optical adaptor.



MC231 LCD monitor stand



Adaptor for HD digital camera



TECHNICAL SPECIFICATIONS

SERIES	MICROSTAR OM-100
MICROSCOPE	
BINOCULAR TUBES	Straight / 45° Inclined / 180° Inclunable
OBJECTIVE LENS	Available f: 200 / 250 / 300 / 400
MAGNIFICATIONS	Manual changer 5 positions: Factor 4 / 6 / 10 / 16 / 25 X
FINE FOCUS	Manual integrated infocal lens
EYEPIECES	10 X Wide angle Dioptric setting: + / - 5
FIELD OF VIEW (10 X)	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 41 mm / 1,61" (for f: 400 mm)
INTERPUPILAR DISTANCE	2,16" - 2,95" 55 - 75 mm
FILTER	Green (orange optional)
ILLUMINATION	
TYPE OF ILLUMINATION	Coaxial Illumination through 7 mm fiber optic light guide cable
ILLUMINATED FIELD	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)
LIGHT SOURCE	LED 80 W 50.000 hours life
POWER SUPPLY	110 - 240 V
FREQUENCY	50 / 60 HZ