



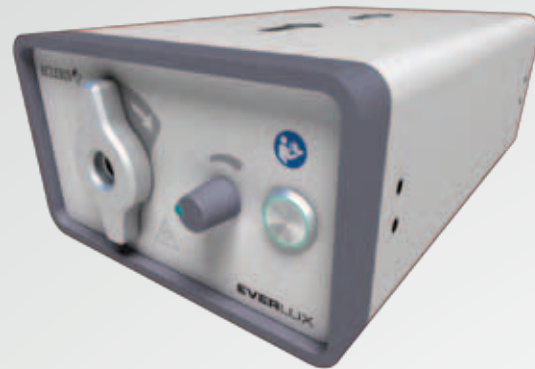
# DENTAL MICROSCOPE

**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

- 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   |
|------------------------------|--|
| <b>MICROSCOPE</b>            |  |
| <b>BINOCULAR TUBES</b>       | 45° Inclined / 180° Inclunable   |
| <b>OBJECTIVE LENS</b>        | Available f: 200 / 250 / 300   |
| <b>MAGNIFICATIONS</b>        | Manual changer 5 positions: Factor 4 / 6 / 10 / 16 / 25 X  |
| <b>FINE FOCUS</b>            | Manual integrated infocal lens   |
| <b>EYEPIECES</b>             | 10 X Wide angle<br>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)<br>Ø 36 mm / 1,42" (for f: 300 mm) |
| <b>INTERPUPILAR DISTANCE</b> | 2,16" - 2,95"<br>55 - 75 mm  |
| <b>FILTER</b>                | Orange   |
| <b>ILLUMINATION</b>          |  |
| <b>TYPE OF ILLUMINATION</b>  | Coaxial Illumination through 7 mm fiber optic light guide cable                                    |
| <b>ILLUMINATED FIELD</b>     | Ø 70 mm / 2,75" (for f: 200 mm) Ø 90 mm / 3,54" (for f: 250 mm)<br>Ø 107 mm / 4,2" (for f: 300 mm) |
| <b>LIGHT SOURCE</b>          | LED<br>80 W 50.000 hours life  |
| <b>POWER SUPPLY</b>          | 110 - 240 V  |
| <b>FREQUENCY</b>             | 50 / 60 HZ   |