



OMS1950

DENTAL MICROSCOPE

We Create Value for Our Customers with Our Services



Belgium

Tel. : +32(0)43.65.87.00

Luxembourg

Tel. : +352-48.82.43

WWW.ADND.EU
BELGIUM
LUXEMBOURG



DIGITAL SENSOR

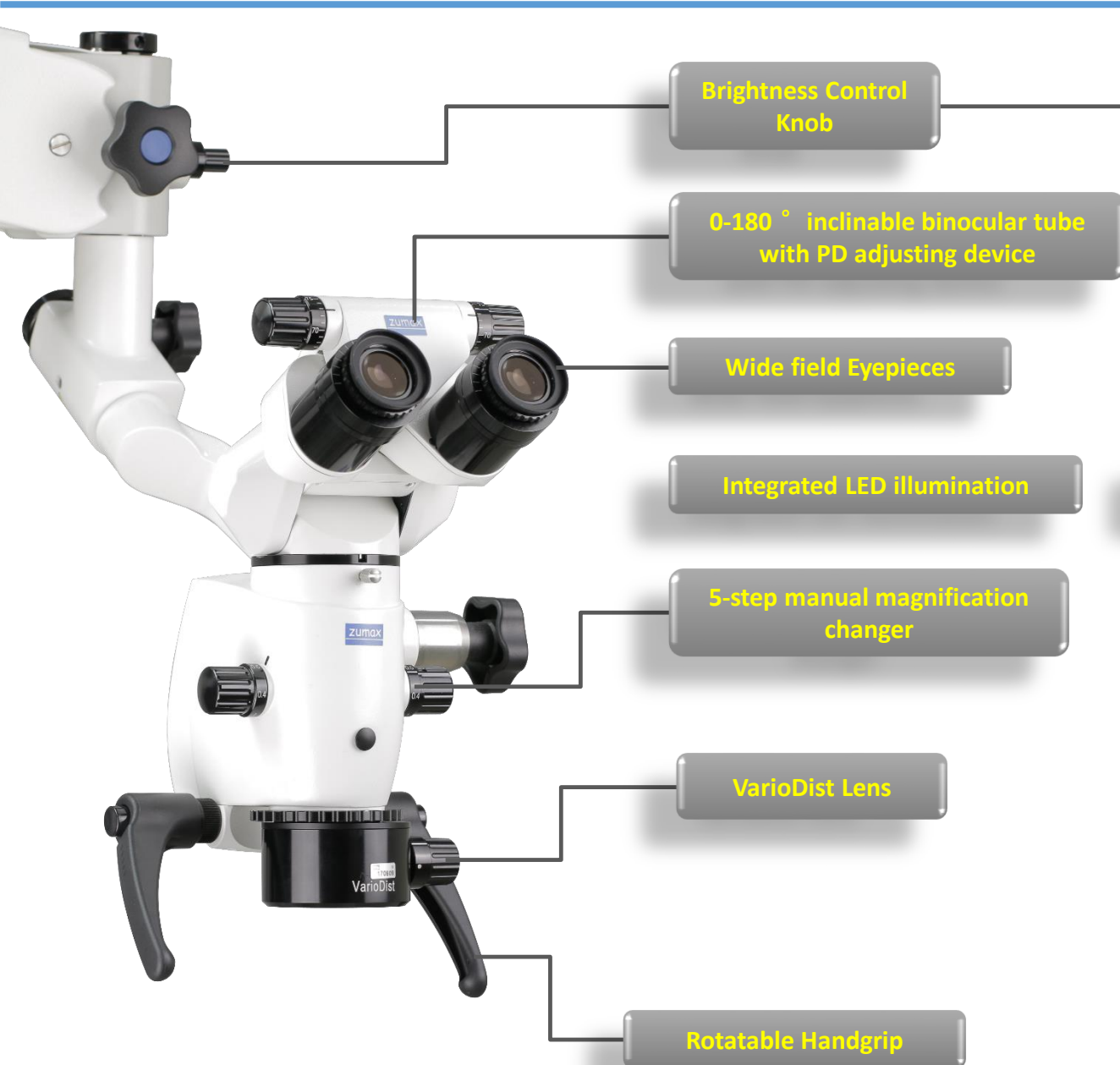
SCANNER

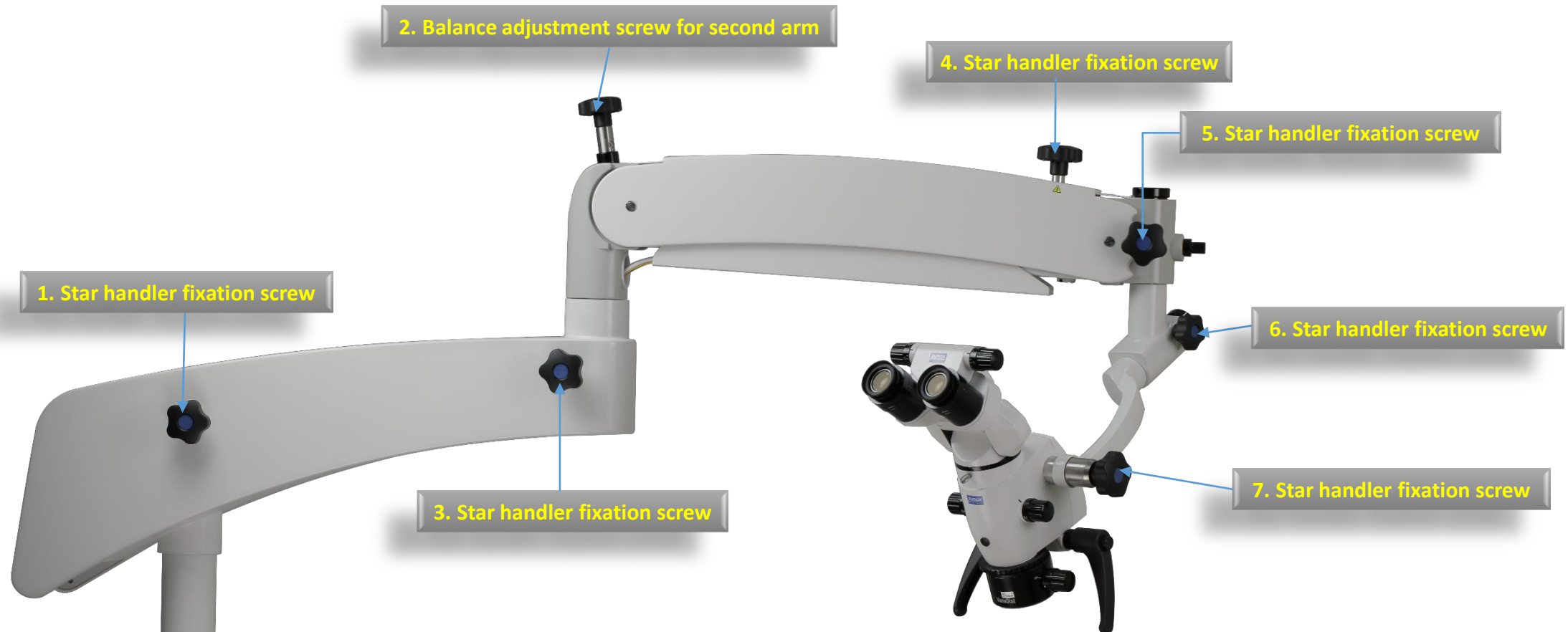
PANORAMIC 2D - 3D

INTRA-ORAL RADIOLOGY

CAMERA

SOFTWARE

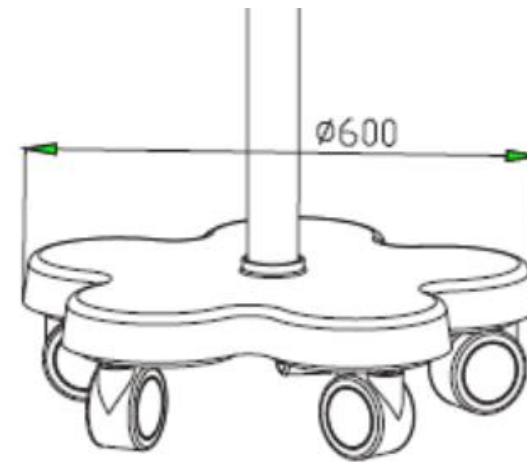




1. Use this screw to adjust the damping of the horizontal movement of the first arm.
2. Rotate the screw to adjust the balance of the second arm.
3. Hang the microscope on the scnd arm using this nut.
4. Use this screw to adjust the vertical moving balance on the second arm.
5. Use this screw to adjust the damping of the 120 deg coupling.
6. Use this screw to adjust the damping of the microscope's hanging axis.
7. Use this screw to adjust the damping of the microscope's pitch.

Floor Stand

Floor Stand



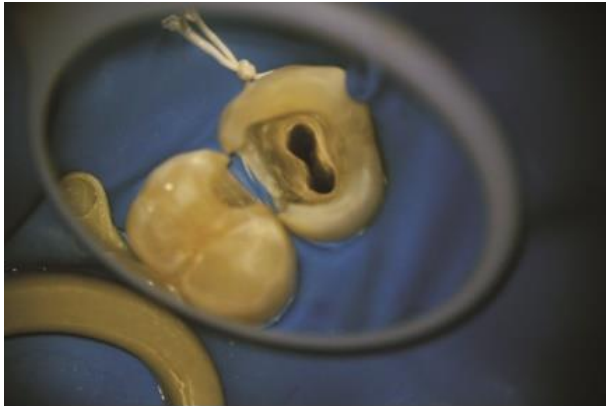
"Star" shaped base

Green LED
technology



Integrated LED illumination

LEDs present many advantages over Halogen or Xenon light sources including lower Energy consumption, longer lifetime, improved robustness and greater durability and Reliability. In addition LEDs operate at a safe, low voltage, instead of the 25K volts Commonly found in Xenon lighting, but also have a light temperature characteristic Of natural daylight. Daylight enhances the visualization and allows much better Photography and documentation and makes it absolutely natural.



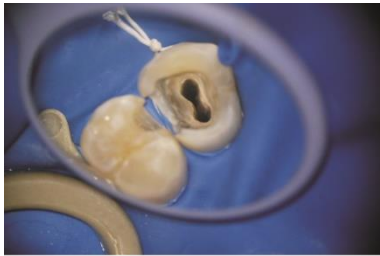
Halogen light



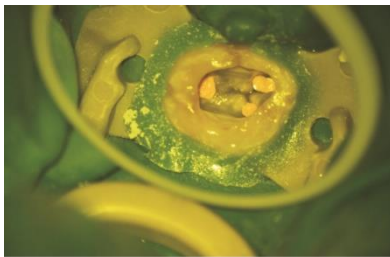
LED light



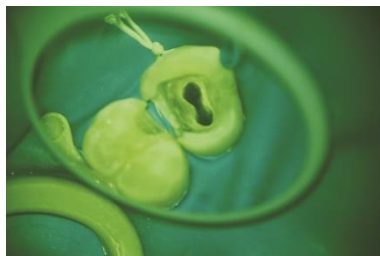
Optic Fiber



Without filter



Yellow filter



Green filter (Red free)

Integrated filters



Yellow filter: Prevents premature curing of composite.

Green filter: Improves detail visibility by enhancing the (red-free) contrast of tissue with a strong blood supply.

Simple Comfortable Operability



0° -180° inclinable binocular tube

Optics made of imported glass from Germany to reduce the optical aderration. All lenses are multi-coated and anti-reflective apochromatic.



Eye PD adjusting Device

Pupillary distance accurate numerical has been marked on the knob, the dentist can conveniently and quickly adjust to their eye PDs.



0° -180° inclinable binocular tube

Inclinable binocular feature the widest range of any binocular for user comfort and enhanced ergonomics for surgeons of all heights.



Wide field eyepieces

The wide field eyepieces are easily pushed into the binocular tube and have integrated eyecups with stepless adjustment. The eyepieces are perfectly suited for surgeons who wish to work with their eyeglasses on as eye refraction can easily be adjusted with a high range of +7D to -7D.

10x, 16x, 20x eyepieces also available for eyeglass wearers



Objective Lens

- ◆ VarioDist Lens 190-300mm
- ◆ VarioDist Lens 250-400mm
- ◆ F250mm with fine focus
- ◆ F300mm with fine focus
- ◆ F350mm with fine focus
- ◆ F400mm with fine focus



VarioDist Lens



F250mm with fine focus



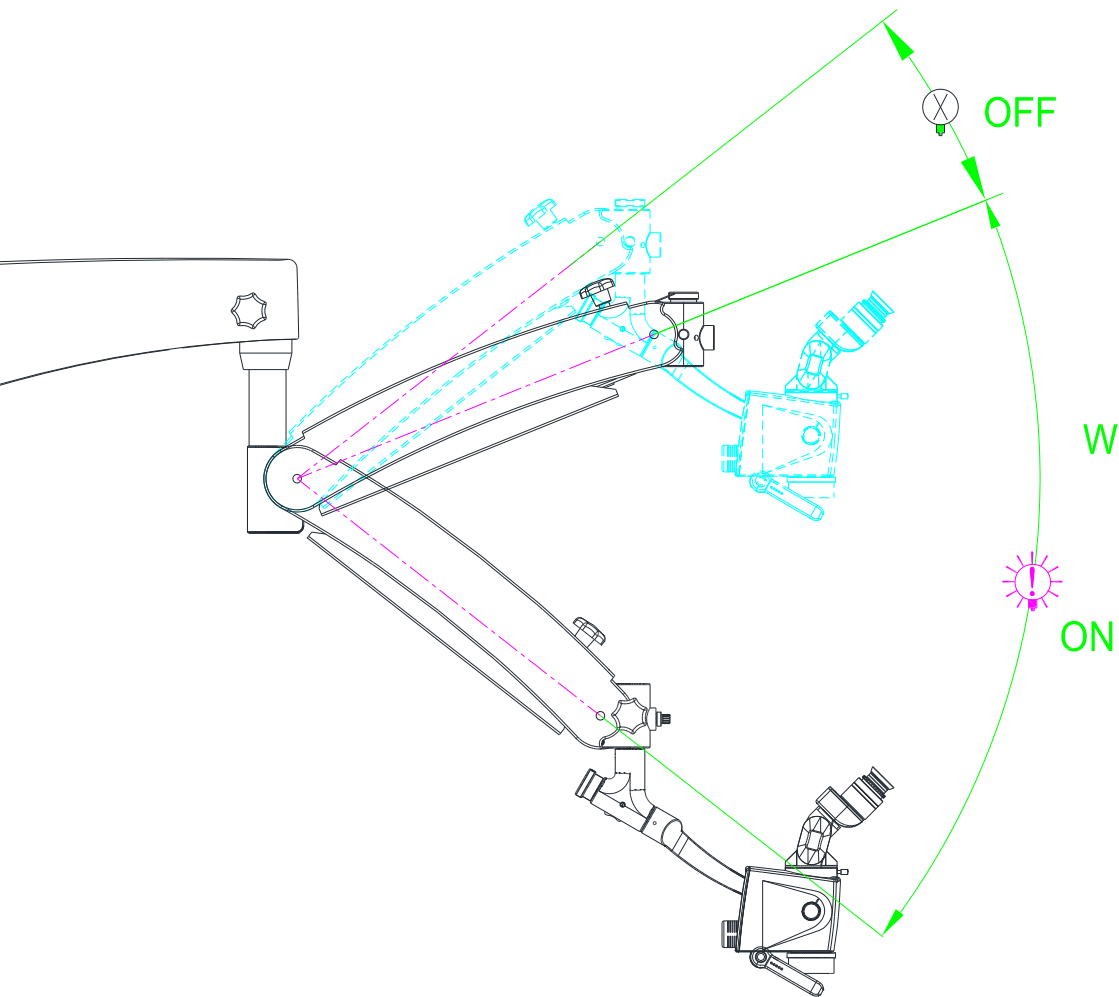
5-step Manual Magnification Changer

Example with F=250mm objective lens and 12.5x eyepieces,

Magnification Changer	0.4x	0.6x	1x	1.6x	2.5x
Magnification	3.4x	5.4x	8.5x	13.5x	21.2x
Diameter of Field of view (mm)	65	42	26	16	10

Micro Switch

A switch is fitted into the arm. The light will keep “ON” when the optical head moves in normal working range and the light will turn off automatically while the optical head moves out of normal working range.



Extra long Arm



950mm arm can offer extra long reach for your microscope
(recommend for wall mount and ceiling mount microscope)

Built-in Full HD imaging device

Integrated full HD camera

Zumax provides an integrated full HD 1080/60P camera.

Integrated Standard Video Camera

Output: PAL Number of effective
pixsls: 752(H)·582(V) approx. 440K pixels

NTSC Number of effective
pixsls: 768(H)·494(V) approx. 380K pixels



More Optional Accessories



Wireless foot pedal for digital camera, camcorder or mobile phone



Stereo observation tube



Rotation Ring



Binocular Extender



30 deg Binocular Extender and Beam splitter combination



Dual iris diaphragm



Rota 360 digital camera adapter (Sony/Canon/Nikon)



Flash Adapter

Pendulum Function



Rotation Ring

+



Binocular Extender

or



30 deg Binocular extender
with beam splitter



External Photo and Video Solutions



Rota360 digital camera adapter

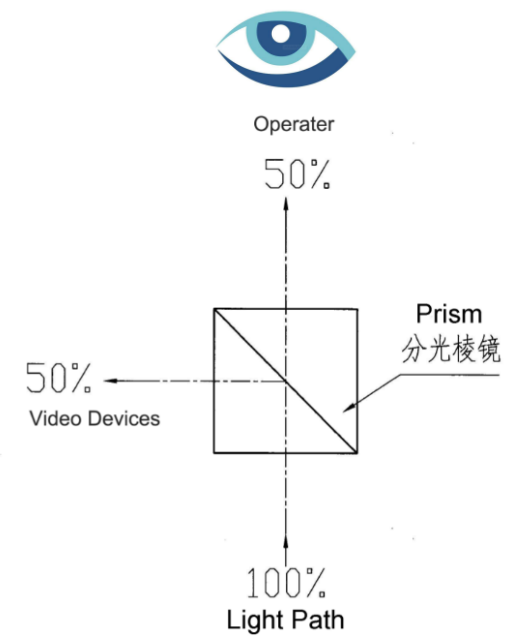
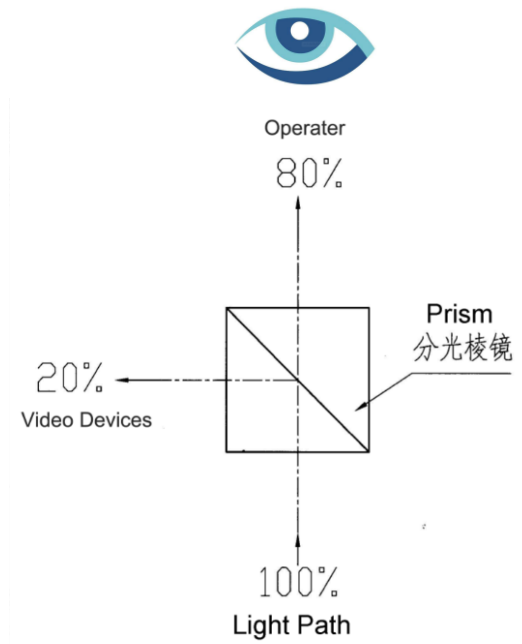


Easy 360 Mobile Phone adapter



Easy 360 Plus Mobile Phone adapter

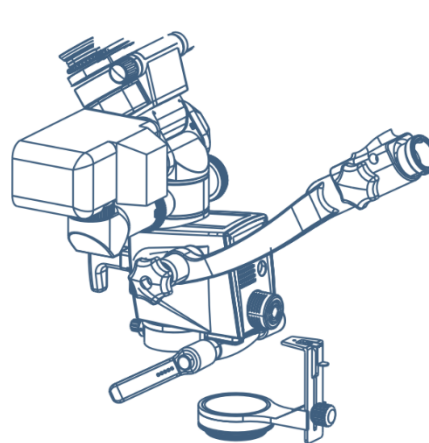






First Choice for DSD Users

- ◆ Enhance your photographs and documentation under microscope
- ◆ Coupler easy to adjust
- ◆ Easy removed or installed
- ◆ Twin flash or ring flash unit can be removed and installed easily



Canon MT-24EX



Nissin MF-18

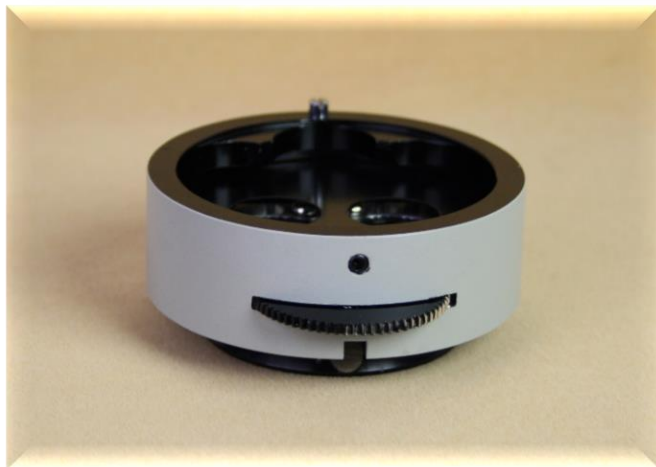


Nikon R1C1



Dual Iris Diaphragm

Dual iris diaphragm is used to increase the depth of field.





Laser Filter

This filter can be used for the following laser wavelengths,
Diode Laser: 780-830nm;
Nd-YAG: 1064nm;
Er-YAG: 2940nm.

Bracket and arm for Monitor



Recommend Kits



Entry-level (Basic model)

- ◆ “Star” floor stand with wheels
- ◆ 0-180 deg inclinable binocular tube
- ◆ Integrated LED illumination
- ◆ 600mm Second arm
- ◆ 120 deg coupling
- ◆ Integrated yellow & green filters
- ◆ 5-step manual magnification changer
- ◆ F=250mm objective lens with fine focus
- ◆ 12.5x eyepieces



Middle-level

- ◆ “Star” floor stand with wheels
- ◆ 0-180 deg inclinable binocular tube with PD adjusting device
- ◆ Integrated LED illumination
- ◆ 600mm Second arm
- ◆ 120 deg coupling
- ◆ Integrated yellow & green filters
- ◆ 5-step manual magnification changer
- ◆ VarioDist Lens 190-300mm
- ◆ 12.5x eyepieces



Professional-level

- ◆ “Star” floor stand with wheels
- ◆ 0-180 deg inclinable binocular tube with PD adjusting device
- ◆ Integrated LED illumination
- ◆ 600mm Second arm
- ◆ 120 deg coupling
- ◆ Integrated yellow & green filters
- ◆ 5-step manual magnification changer
- ◆ VarioDist Lens 190-300mm
- ◆ 12.5x eyepieces

Accessory

- ◆ 30 deg binocular extender & Beam splitter combination
- ◆ Rotation Ring
- ◆ Digital Camera or Camcorder Adapter (Sony/Nikon/Canon)
- ◆ Easy 360 or Easy 360 Plus adapter
- ◆ Wireless foot pedal for digital camera or camcorder
- ◆ Inner power supply for digital camera, camcorder or mobile phone

Packing

Packing



Thank you!



WWW.ADND.EU
BELGIUM
LUXEMBOURG



Belgium

Tel. : +32(0)43.65.87.00

Luxembourg

Tel. : +352-48.82.43

DIGITAL SENSOR

SCANNER

PANORAMIC 2D - 3D

INTRA-ORAL RADIOLOGY

CAMERA

SOFTWARE



www.zumaxmedical.com