stomdevice

Zumax Medical
Beyond Vision

OMS2350 SURGICAL MICROSCOPE FOR ENT



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ



Excellent optics



German lenses, multi coatings

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

6-step magnification changer



The magnification changer knobs on both sides of the microscope body allow to select fast and conveniently the optimally matched magnifications for brilliant images from an overview of an entire arch to high magnification for precision and close inspection.

example with F=250mm lens and 12. 5x eyepiece:

Magnification charger	0.3x	0.5x	0. 8x	1.2x	2.Ox	3. Ox
Magnification	2.8x	4.2x	6.9x	10.4x	17.Ox	25.6x
Diameter of Field-of-view (mm)	78	52	32	21	13	9

example with F=250mm lens and 10x eyepiece:

Magnification charger	0.3x	0.5x	0. 8x	1.2x	2.Ox	3. Ox
Magnification	2. 2x	3. 4x	5. 5x	8. 3x	13. 6x	20. 5x
Diameter of Field-of-view (mm)	78	52	32	21	13	9

LED Illumination

LED there be light



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 250+ volts commonly found in xenon lighting, but also have a light temperature characteristic of natural daylight.

Yellow and Green integrated Filter

Yellow filter: Prevents premature curing of composite.

Green filter: Improves detail visibility by enhancing the contrast of tissue with a strong blood supply.



Without Filter | Green Filter | Yellow Filter

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Brightness Control Knob

Allows you to easily adjust the light intensity for any clinical situation.

Easy and Comfortable Operating

0° -180° inclinable binocular (option)

Inclinable binoculars feature the widest range of any binocular for user comfort.



Rotatable Handgrip

Rotatable handgrip can be adjusted to user's preferred position and enable the user to easily place the OMS in the desired position.





Assistant's microscope (option)



Stereo coobservation device

A stereo device which can be adjusted in three axes is available for coobservationl. It can be fitted with either a stragith or inclined tube and can be easily mounted on the microscope with the use of a beam splitter.

Image Device (option)

Integrated HD video camera system

- Integrated Full HD video camera with 1920X 1080 video resolution
- Newly-developed 1/3 inch 3.0 mega-pixels HD CMOS sensor
- With HDMI output

Adapter for HD series device

1/3" CCD adapter;
SLR digital camera adapter for Canon, Nikon and Sony
Camcorder adapter for Sony, Canon
Sony NEX 5 Camera adapter





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Technical Data

Compliance
ISO13485

CE FDA

Magnification system
* 6-steps manual magnification changer
* Five click stop positions
  y=0. 33x, 0. 5x, 0. 8x, 1. 22x, 2x, 3x

Tube
* 45° or straight binocular tube, f=170mm (Option)
* 0° -180° inclinable binocular tube, f=170mm

Eyepieces
* 12. 5x,(10x, 16x and 20x for option) widefield eyepieces and have integrated eyecups with stepless adjustment.

Magnification Range
e. g. with f=250mm lens and 12. 5x eyepiece:
Magnification/Field-of-view diameter:

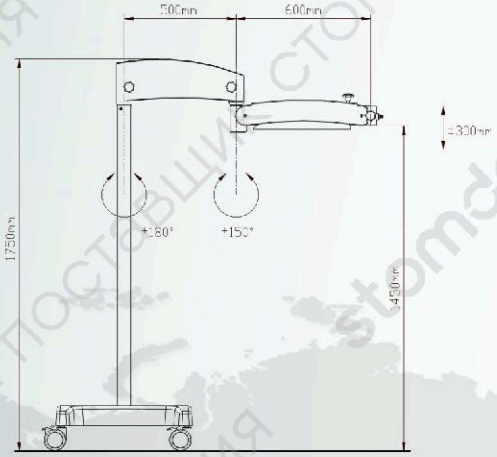
2.8x	4.2x	6.9x	10.4x	17.0x	25.6x
78mm	52mm	32mm	21mm	13mm	9mm

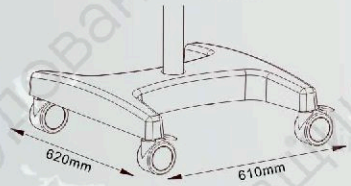
With selected components, the above magnification range can be shifted up or down.

Focusing
* Manual, fine focusing range 12mm
* 5 objective lenses:
  f=200mm(with fine focus) (option),
  f=250mm(with fine focus),
  f=300mm, f=350mm, f=400mm(option)

Illumination
* Zumax LED Illumination, supplies bright, white and shadow free light, >50, 000 hours lifetime
* Yellow and green integrated filter
* Field of view diameter: 50mm with f=250mm objective lens

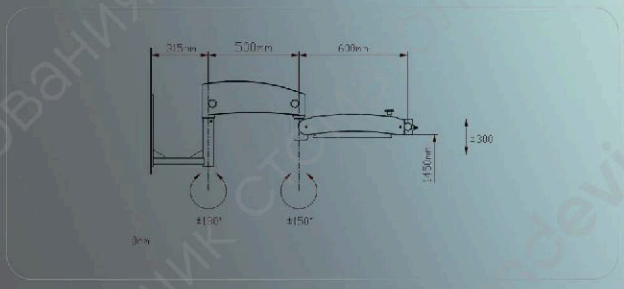
Net Weight
* Floorstand 85kg
* Wall Mount 40kg
* Fixed Ground Mount 40kg
* Ceiling Mount 55kg
* Tabletop Clip 20kg

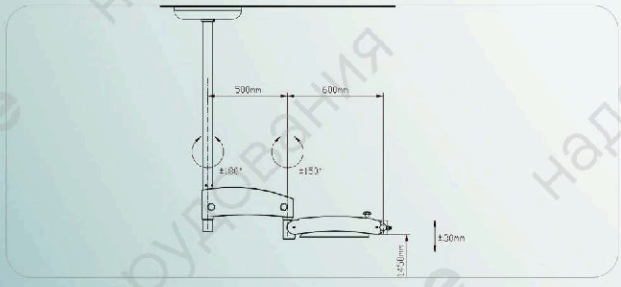


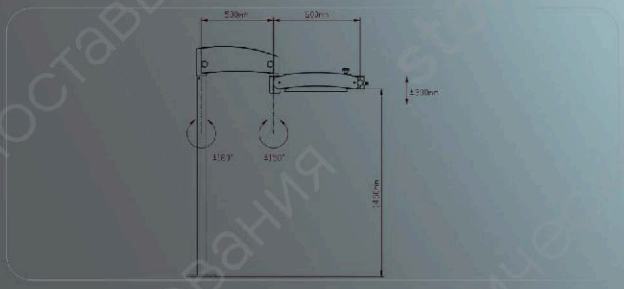


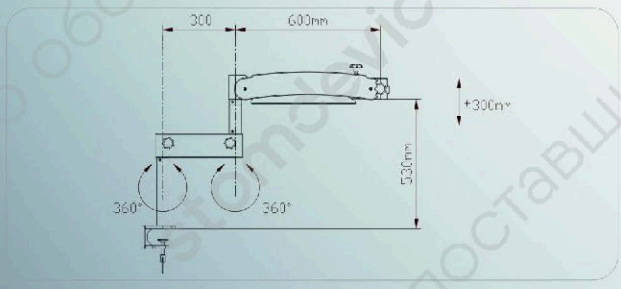


Extra Long Arm (Optional)









For more information, please contact:
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