

zumax

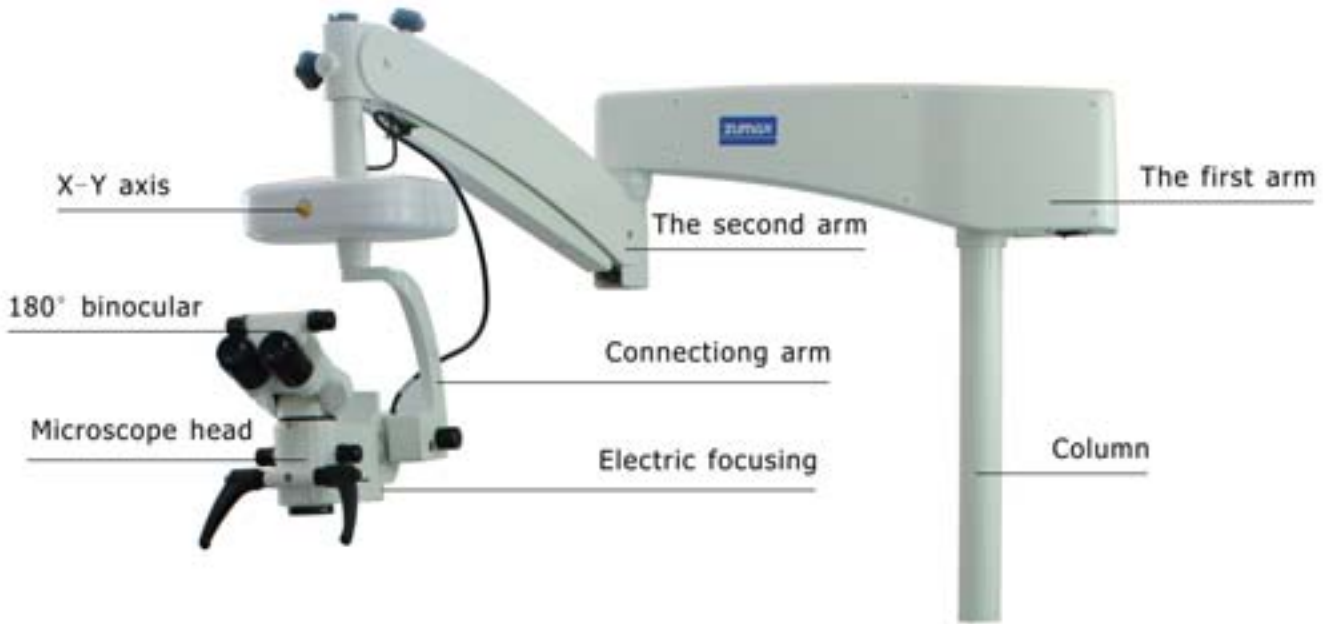
Zumax Medical
Beyond Vision



LED ILLUMINATION

Start your Microsurgery with Zumax
OMS2650 ophthalmic microscope

Excellent optics



German lenses. Multi-layer coatings

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

Reliable X-Y coupling

With one-button design and no complicated settings, The X-Y coupling enables guided movement in one plane.



Ergonomic foot panel

Without distraction and interruption, you can conveniently adjust the light intensity, level of focus, X-Y positioning, and recover focus position.

Comfortable LED illumination

Brilliant red reflex, natural colors, more contrast as well as lower energy and maintenance costs, and no harmful IR or UV radiation for the patient.



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 coobservation. It can be fitted with either a straight or inclined tube and can be easily mounted on the microscope with the use of a beam splitter.

Adapter for HD series device

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

Technical Data

Compliance
ISO13485



Magnification system

- * 5-steps manual magnification changer
- * Five click stop positions
y=0.4x, 0.6x, 1.0x, 1.6x, 2.5x

Tube

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

Eyepieces

- * 12.5x,(10x, for option) widefield eyepieces and have integrated eyecups with stepless adjustment.

Magnification Range

e. g. with f=200mm lens and 12.5x eyepiece:

Magnification Changer	0.4x	0.6x	1x	1.6x	2.5x
Magnification	4.3x	6.8x	10.6x	16.9x	26.5x
Diameter of Field-of-View (MM)	52	33	21	13	8.3

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

Focusing

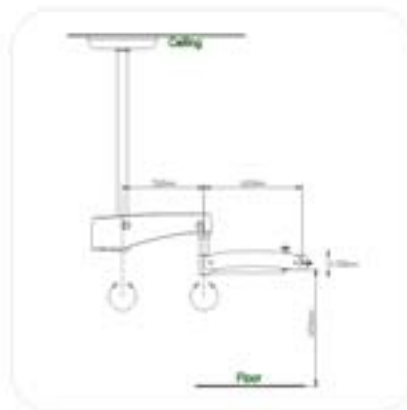
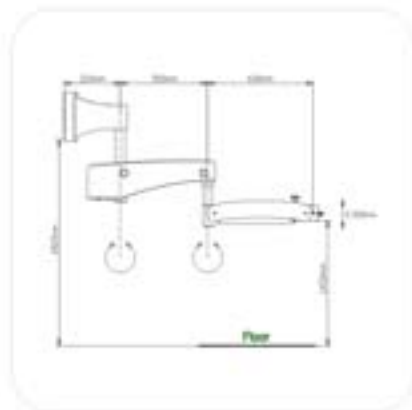
- Motorized, focus range 40mm
- 5 optional objective lenses: f200mm
- X-Y coupling range: 40mm x 40mm One Button on site

Illumination

- Light source: LED with life time >60,000 hours,CRI>90
- Filter: red free filter, retinal protection filter.

Foot switch

- 12-Function foot switch



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