

TECHNICAL DATA SHEET

Operating Microscope YSOM-X-6A

Operating Microscope

YSOM-X-6A Operating microscope is an universal operating microscope.

- It is fit for neurosurgery, spinal surgery, vascular, plastic and reconstructive surgeries.
- It can be used by 2 doctors at the same time.
- With integrated digital recording system, it is also fit for teaching.
- Continuously zoom. Control by knob and foot panel or knobs. The change of zoom is smooth.
- Rapid focusing on small increases, the retarded focusing on great increases.
- With 3 kinds of objectives, fit for different depth surgery.
- Four groups of illumination. Control by knob and foot panel.
- Turning of extension hand around the axis.
- The support can keep balance at any place.
- Automatic balancing of the microscope.
- Multifunctional Control panel on the support.
- Optional modules: Camera Horizontal permission: not less than 800 lines Vertical permission: not less than 400 lines Output size: not less than - 494 lines

Model

YSOM-X-6A

Optics system

Apochromatic optical system

Eyepiece

Main eyepiece and assistant eyepiece:

12.5X wide field eyepiece

Dioptric adjustment: +6/-6

IPD adjustment: 55mm ~ 75mm

View head

180° rotating

Objective

Focal length: 200mm/250mm/300mm

Zoom times: 5X-25X

Continuously zoom by knob and foot panel

Sight range: 11-82.5mm

Working distance

200mm

Light source

4 groups cold light illumination.

15V/150W OSRAM halogen lamp. Brightness adjustable.

Coaxial Light brightness: $\geq 50000\text{LX}$

Extension hand

1230mm in radius.

Focusing

Focusing speed: $\leq 1.5\text{mm/s}$

Focusing adjusting range: $\geq 40\text{mm}$.

Plain X-Y movement

Control by foot panel.

Moving range: 40*40mm

Height adjust

1.8-2m

Power supply

.AC220V, 50Hz

Panama | Central America | Caribbean | CARICOM

Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.