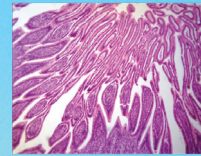




# LABOMED, INC.



## **LB-3000 Advanced Multifunctional Surgical Microscope (Ophthalmology, ENT, Organic Surgery, Neurological Surgery, and Orthopedics) for 3 Viewer**

**LB-3000 Advanced Multifunctional Surgical Microscope (Ophthalmology, ENT, Organic Surgery, Neurological Surgery, and Orthopedics) for 3 Viewer** is designed for microsurgery in ophthalmology, ENT, organic surgery, neurological surgery, and orthopedics.

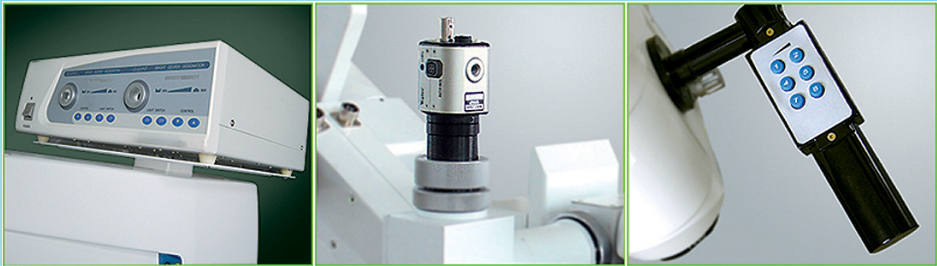


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## **LB-3000 Advanced Multifunctional Surgical Microscope (Ophthalmology, ENT, Organic Surgery, Neurological Surgery, and Orthopedics) for 3 Viewer**

### **APPLICATION**

**LB-3000 Advanced Multifunctional Surgical Microscope (Ophthalmology, ENT, Organic Surgery, Neurological Surgery, and Orthopedics) for 3 Viewer** The angle between the main and assistant's microscope is 90°. This is an operation microscope with dual binocular scopes sharing the same viewing field and motorized continuous optical system, suitable for super deep cavity operations and examinations. It makes possible for simultaneous and manipulation of two or three person. It can also be used for teaching, photographing and color video recording purposes.



### **FEATURES**

- The main microscope is in the latest design of tilting binocular tube system with a continuous tilting range of 30~60°. This enables doctors to have the most comfortable body positions when performing various kinds of microsurgical operations.
- Binocular assistant's microscope synchronizes with the main microscope, with the same light route, magnification viewing field and bearing, both enjoy a good stereo-scopic perception when in observation.
- Both the main and assistant's microscope adopt a motorized continuous optical system,



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with a zoom rate of 1:5. This system features a clear image a sharp stereo-scopic perception and a remarkable depth of field, thus satisfying the needs of all kinds of deep cavity operations.

- The instrument adopts a coaxial internal illumination system which has a great brightness, suitable for deep cavity operations and examinations.
- The instrument adopts motorized focusing system which is both convenient and flexible.
- The instrument has six movements of degrees of freedom allowing the microscope to be motorized or turned to and from up and down, and side to side. This permits each surgeon a best angle of observation.

## SPECIFICATION

1. Range of the stand's vertical up-down: 500mm
2. Motorized zooming speed: 2r/min
3. The precise focusing range:40mm,aiming speed:2mm/s
4. The range of the microscope's free movement to and from side to side are all 100°
5. The interpupillary distances of the main and assistant's microscope are all adjustable, within a range of 55~75mm
6. Cold light source illumination: 15V 150W, brightness: 80000~180000 Lx
7. The maximum stretching length of the stand's horizontal arm: 1200mm
8. The swing angle of the carrier arm: 360°
9. The stand can be equipped with X-Y coupling, with the moving, range of 40mm

