

## LABOMED, INC.

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## LB-284 Advanced Research Trinocular Biological Microscope with Plan Semi-Apochromatic Fluorescent Objectives

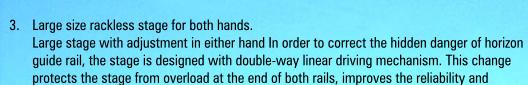
## **Features**

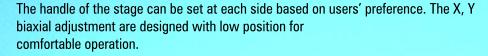
performance of the stage.

High eye point wide field plan eyepiece.
 The eyepiece field of view has been upgraded from traditional 22mm to 25mm and 26.5mm, to provide a more flat field of view and to improve working efficiency. With a wider diopter adjustment range and foldable rubber eye guard.



- Viewing head with multi-splitting ratio.
  The viewing head is designed of multiple options for splitting ratio.
- (1) Trinocular head with inverted image, splitting ratio Binocular: Trinocular=100:0 or 20:80 or 0:100 is standard. Except for concentrating 100% light to eyepiece tube or camera tube, there is another option with 20% light to eyepiece tube and 80% to camera tube, so that eyepiece observation and image output can be available at the same time.
- (2) Trinocular head with erected image, splitting ratio Binocular: Trinocular = 100:0 or 0:100 is optional. The moving direction of samples is the same as observed.









Two slices can be hold on the stage by using damping-type double clips, easy for comparative study. Moving range: 80mm X55mm; precision: 0.1mm. Processed with special craft, the surface of the stage is anti-corrosive and anti-friction. The platform with an arc transition design reduces the stress concentration and damage from impact.

- Modular frame, improve the system compatibility.
  With modularization design, separated cross arm and main body, improves the system compatibility of biological and fluorescence frame.
- 5. Highly sensitive coaxial coarse and fine adjustment system. Coaxial adjustment adopts double-stage driving, with adjustable tension tightness and upper limit stop, coarse range is 25mm and fine precision is  $1\mu$ m. Not only accurately focus, but also precision measurement is available.

