

# VELAB™



## VE-B50

Binocular Microscope

The VE-B50 is a biological microscope designed for the development of advanced microscopy techniques. Applicable in research, higher education and clinical laboratories for diagnostic purposes and ideal for the detection of pathologies. Its stage allows the fine and smooth displacement of the sample, the importance of the sample in the histology and cytology tests. It has excellent optical quality components and long-life LED illumination. The VE-B50 offers diopter adjustment in one of its parameters to compensate for the difference in focus that is natural in the user's eyes.

### Velab, Co.

USA

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### SPECIFICATIONS

#### EYEPIECES

PL 10X/18 mm with rubber eyecups and  $\pm 5$  mm diopter adjustment in one eyepiece.

#### HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 - 75 mm/1.96" - 2.95".

#### NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops, mounted on high-tension ball bearings.

#### OBJECTIVES

4X, 10X, 40X (S) and 100X (S) oil immersion with plan achromatic optics and color ring for easy identification.

#### STAND

Stative, robust and reinforced with epoxy paint finish.

#### STAGE

Double plate with X-Y coaxial movement, 5.51" x 5.51", vernier, millimeter scale ( 3.46" x 2.36"), clamp and height adjustment with stop.

#### CONDENSER

Abbe, N.A. 1.25 with height adjustment screw.

#### DIAPHRAGM

Iris with filter holder.

#### FOCUSING

Coarse and fine anti-slip control knob with 0.002 mm precision and tension adjustment.

#### ILLUMINATION

3W LED with intensity control.

#### POWER SUPPLY

110-240V, 50/60 Hz AC adapter.

#### ACCESSORIES INCLUDED

Dust cover.

Immersion oil.

Operation manual.

Power cord.

