

VELAB™



VE-B310

Biological Microscope

The VE-B310 is a biological microscope designed for professional use. Ideal for the identification and analysis of substances and biological cultures in microbiology, biology, medicine and pathology.

It's high quality, durability and modern design make the VE-B310 the ideal device applicable for professional in research, higher education and routine work in clinical laboratories. It has excellent optical quality components and long-life LED illumination. Adaptable to the needs of the user, the VE-B310 offers optional configurations for several applications.

Velab, Co.

USA

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TECHNICAL DATA

EYEPIECES

PL 10X/20 mm with rubber eyecups and ± 5 mm diopter adjustment in both eyepieces.

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.

OBJECTIVE

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

STAND

Stative, robust and reinforced with epoxy paint finish.

STAGE

Two-Layer stage with X-Y coaxial movement, 5.90" 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. Equipped with adapter for optional configurations (not included).

DIAPHRAGM

Iris with filter holder.

FOCUSING

Coarse and fine anti-slip control knob with precision 0.001 mm, 200 graduations per micrometer turn (0.2 mm) and tension adjustment..

ILLUMINATION

Kohler 3W LED (3000K-5600K), light intensity continuously adjustable; LCD beside the frame to show the color temperature, with intensity control and field diaphragm in the lamp.

DIMENSIONS

190 x 450 x 380 mm.

POWER SUPPLY

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

ACCESSORIES INCLUDED

Dust cover.
Immersion oil.
Power cord.

ACCESSORIES NOT INCLUDED

Dark field set. LED fluorescence illuminator.
Phase contrast kit.
Simple polarization set.

