

VELAB™



VE-653

Binocular Microscope with LCD Screen

The VE-B653 is a digital microscope for professional use and ideal for higher education, research and clinical laboratories. This model comes equipped with an LCD screen and an integrated digital camera. Its specialized software allows data storage and offers editing tools (pointer and arrow) and sample measurements (red, blue, white, black and green color strips). The VE-B653 also offers an innovative digital solution in addition to the optional configuration compatible with the phase contrast kit and polarization set.

Velab, Co.
USA

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SPECIFICATIONS

EYEPIECES

WF 10X/18mm with rubber eyecups and diopter adjustment on one eyepiece.

HEAD

Binocular Siedentopf type, 45° inclined and 360° rotatable. Interpupillary distance adjustment between 48 - 75 mm / 1.88" - 2.95" and 9" LCD screen (1280 x 800p resolution) with 5.0MP integrated camera, SD card slot, Mini USB and HDMI ports.

NOSEPIECE

Quadruple nosepiece with anti-slip grip and click-stops.

OBJECTIVES

4X, 10X, 40X (S) and 100X (S) (oil), achromatic optics, metallic finish 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 5.19", vernier, millimeter scale, clamp and height adjustment with stop.

CONDENSER

Abbe, N.A. 1.25 with height adjustment screw. Equipped with adapter for phase contrast kit and polarization set (not included).

DIAPHRAGM

Iris with filter holder.

FOCUSING

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

ILLUMINATION

Kohler LED with intensity control and field diaphragm in the lamp.

WEIGHT

21.16 lb / 9.59 kg.

DIMENSIONS

12.01" x 14.96" x 20.08" / 305 x 379 x 510 mm.

POWER SUPPLY

Three 1.2V AA rechargeable batteries (included) for 4 hours of continuous operation. 110-240V, 50/60 Hz AC adapter.

ACCESSORIES INCLUDED

AC/DC adapter.
Blue, green and yellow filters.
Dust cover.
Immersion oil.
Power cord.
SD memory card.
USB adapter for SD memory card.

ACCESSORIES NOT INCLUDED

Phase contrast kit.
Polarization set.

