The VE-B6PAD is a professional microscope, ideal for research, higher education and routine work in clinical laboratories. Equipped with our SCOPEPAD device, which consists of a 5.0MP digital camera integrated into a completely removable 9.7” tablet with the Android operating system. The VE-B6PAD includes the IMS Camera application which allows to edit and measure captures, as well as IAS Camera for particle counting. It offers an innovative digital solution and can also be configured optionally to be compatible with a phase contrast kit and polarization set.

**Velab, Co.**
USA

VELAB MICROSCOPES is the registered trade mark of Velab, Co. Velab follows a policy of continuous innovation. Design and specifications are subject to change without prior notice

[www.velab.net](http://www.velab.net)
VE-B6 PAD
Trinocular Microscope with integrated tablet.

SPECIFICATIONS

EYEPIECES
WF 10X/20mm with rubber eyecups and diopter adjustment on one eyepiece.

HEAD
Binocular Siedentopf type, 45° inclined and 360° rotatable, with interpupillary distance adjustment between 48 – 75 mm / 1.88” - 2.95”.

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.

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

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

WEIGHT
24.65 lb / 11.18 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.

PAD

PROCESSOR
CPU RK3066 dual core 1.5 Hz.

SCREEN
9.7” touch screen with 1024 x 768p of resolution.

STORAGE
2GB DDR RAM and 32GB of maximum external support.

CONNECTIVITY
WIFI and Bluetooth.

INTERFACE
USB, mini USB and HDMI.

OPERATING SYSTEM
Android 4.2.

APPLICATIONS
- IMS Camera: Edition and measurement.
- IMS Camera: Particle counting.

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

C A M E R A

TOTAL PIXELS
5.0MP.

IMAGE SENSOR
1/2.5” CMOS.

RESOLUTION
2592 x 1944p.

WHITE BALANCE
Automatic/Manual.

RECORDING SYSTEM
Image and video.

ACCESSORIES INCLUDED
Power cord.
Dust cover.
Adapter AC/DC.
Operation manual.
Blue, green and yellow filters.
Immersion oil.
SD memory card.
Adapter rings Φ 30 and Φ 30.5 mm.
0.5X C-Mount.

ACCESSORIES NOT INCLUDED
Phase contrast kit.
Polarization set.