

# VELAB™



## VE-B6 PAD

Trinocular Microscope with integrate tablet.

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

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# 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.

### FOCUSING

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.

### CAMERA

#### 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  $\Phi$  30 and  $\Phi$  30.5 mm.  
0.5X C-Mount.

### ACCESSORIES NOT INCLUDED

Phase contrast kit.  
Polarization set.



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