

# VELAB™



## VE-300PAD

Digital Microscope with Integrate tablet

Biological microscope designed for professional use. Used to identify and analyze substances and biological cultures in microbiology, biology, medicine and pathology. Ideal for research, higher education and routine clinical laboratory work. Equipped with the VESCOPEPAD 300 tablet, Android tablet. Includes 10.1 touch screen and the VELAB camera application for editing images.

**Velab, Co.**

USA

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[www.velab.net](http://www.velab.net)



# VE-300PAD

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## SPECIFICATIONS

### MICROSCOPE

#### EYEPIECES

PL10X/20 mm with rubber eyecups and  $\pm 5$  mm diopter adjustment in both eyepieces.

#### HEAD

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

#### NOSEPIECE

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

#### OBJECTIVES

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

Double plate with X-Y coaxial movement, 5.51" x 5.19", vernier, millimeter scale (3.46" x 2.36"), clamp and height adjustment with stop.

#### CONDENSER

Abbe, N.A. 1.25, with height adjustment. Equipped with an adapter for optional configurations (not included).

#### DIAPHRAGM

Iris with filter holder.

#### FOCUSING

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

#### ILLUMINATION

Kohler 3W LED with intensity control and field diaphragm in the lamp.

#### POWER SUPPLY

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

### TABLET

#### SCREEN

10.1" touch screen, 1280 x 800p resolution.

#### STORAGE

12 GB internal and 16 GB of maximum external support for SD memory card.

#### INTERFACE

USB, mini USB and HDMI.

#### OPERATING SYSTEM

Android 5.1.1.

#### CONNECTIVITY

Wi-Fi and bluetooth.

#### APPLICATION

VELAB camera microscopy software for image editing.

### CAMERA

#### TOTAL PIXELS

4.0MP

#### IMAGE SENSOR

1/3" CMOS.

#### RESOLUTION

2688 x 1520p and 1920 x 1080p.

#### WHITE BALANCE

Automatic and Manual

#### RECORDING SYSTEM

Image and Video.

### ACCESORIES INCLUDED

Power cord.

Dust cover.

Operation manual.

Immersion oil.

USB Cable.

HDM Cable.

Software CD

