

# VELAB™



## VE-D300

Digital Microscope

The VE-D300 digital microscope was designed for professional use. It has all the virtues of a professional biological microscope, in addition to being equipped with a 5.0MP digital camera. It includes an easy-to-use software compatible with Windows operating systems, practical for editing, storing and observing images in real time. It can perform measurements in a wide range of units. Compatible with Windows® 10 and lower operating systems.

**Velab, Co.**

USA

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# VE-D300

## Digital Microscope

The VE-D300 is ideal for the identification and analysis of biological samples in areas such as biology, medicine, pathology and microbiology. Adaptable to the needs of the user, the VE-D300 offers optional configurations for several applications.

### SPECIFICATIONS

#### EYEPIECES

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

#### HEAD

Binocular Siedentopf type, 30° inclined with interpupillary distance adjustment between 50 – 75 mm/1.96" - 2.95" and integrated 5.0MP digital camera.

#### NOSEPIECE

Quadruple nosepiece with anti-slip grip 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

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 an adapter for optional configurations (not included).

#### DIAPHRAGM

Iris with filter holder.

#### FOCUSING

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

#### ILLUMINATION

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

#### POWER SUPPLY

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

#### ACCESSORIES INCLUDED

Dust cover.  
Immersion oil.  
Operation manual.  
Power cord.  
Software CD.  
USB cable.

#### ACCESSORIES NOT INCLUDED

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

