

# VELAB™



## VE-41

### Trinocular Inverted Microscope

Professional inverted microscope with phase contrast emphasizes cellular outlines and internal structure to meet research needs. Ideal for different samples containers such as cultivation bottles, Petri dishes and microplates. Ideal for cell cultures observation without previous preparation, activity and growth monitoring, as well as of biologics production and quality control (vaccines, medicines, sera, antisera and/ or reagents). Its trinocular head allows the adaptation of digital devices (not included) for imaging and video documentation.

#### Velab, Co.

USA

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### SPECIFICATIONS

#### EYEPIECES

PL 10X/22mm with rubber eyecups and  $\pm 5$  mm diopter adjustment in both eyepieces.

#### HEAD

Trinocular Siedentopf type, 45° inclined with interpupillary distance adjustment between 50 – 75 mm / 1.96" - 2.95".

#### NOSEPIECE

Quintuple inverted nosepiece with anti-slip ring and click-stops.

#### OBJECTIVES

4X, 10X, 20XPH and 40X (S), infinity corrected plan achromatic optics, metallic finish and color ring for easy identification.

#### STAND

Stative, robust and reinforced with epoxy paint finish.

#### STAGE

Fixed, 9.84" x 8.46", removable mechanical stage and able to expand the stage.

#### CONDENSER

N.A. 0.3 long working distance.

#### DIAPHRAGM

Iris.

#### FOCUSING

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

#### ILLUMINATION

5W LED with variable intensity control. Energy saving button. The light source will shut down after 30 minutes of user's absent.

#### POWER SUPPLY

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

#### ACCESSORIES INCLUDED

- |  |                                |
|--|--------------------------------|
| Power cord.                                  | Support for 35mm petri dishes. |
| Dust cover.                                  | Metallic central stage.        |
| Operation manual.                            | Stage extension.               |
| Allen key (2) Telescope focusing eyepiece.   |                                |
| 4X, 10X, 20X, 40X lamella or phase contrast. |                                |
| Transparent glass for central stage.         |                                |
| Mechanical stage.                            |                                |

