

# VELAB™



## VE-403

### Advanced Inverted Binocular Microscope

The VE-403 is a professional inverted microscope, ideal for the observation of samples in large containers such as culture bottles, petri dishes or microplates. It includes accessories for phase contrast applications and different stage adapters for a wide range of sample containers. Excellent for observation of cell cultures without prior preparation, monitoring of activity and growth, as well as production and quality control of biological products (vaccines, drugs, serums, antisera and reagents).

#### Velab, Co.

USA

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### SPECIFICATIONS

#### EYEPIECES

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

#### HEAD

Binocular Siedentopf type, 45° inclined with interpupillary distance adjustment between 48 - 75 mm / 1.88" - 2.95".

#### NOSEPIECE

Quintuple with anti-slip grip and click-stops.

#### OBJECTIVES

4X, 10XPH, L20XPH (S) and L40X (S) (oil) with plan achromatic optics, metallic finish and color ring for easy identification.

#### STAND

Stative, robust and reinforced with epoxy paint finish.

#### STAGE

Mechanical with X-Y coaxial movement, 242 x 172 mm / 9.52" x 6.77" and clamp.

#### CONDENSER

Abbe, 0.3 N.A. with 75mm / 2.95" distance.

#### DIAPHRAGM

Iris with filter holder.

#### FOCUSING

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

#### ILLUMINATION

Epi-halogen 12V/30W with variable intensity control.

#### POWER

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

#### INCLUDED ACCESSORIES

Eyeiece centering telescope.

Metal stage adapter.

10X/20X lamella for phase contrast.

Blue, green, opaque white and yellow filters.

Holder for slides, Petri dishes (37, 54 and 64 mm) and Terasaki plate.

Power cord.

Crystal stage adapter.

Dust cover.

