



## VE-146YT

### Trinocular Fluorescence Microscope

Trinocular fluorescence microscope with yellow-green observation effects on B-band with applicable ranges for FITC, acridine orange and auramine O. G-band red color with applicable ranges for TRITC, rhodamine B200 and propidium iodide. The VE-146 is used in the diagnosis of diseases, biochemistry, neurology, molecular biology, genetics, microbiology and research.

#### Velab, Co.

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### SPECIFICATIONS

#### EYEPIECES

WF 10X/22mm with rubber eyecups and diopter adjustment on one eyepiece.

#### HEAD

Trinocular Siedentopf type, 45° inclined and 360° rotatable, with interpupillary distance adjustment between 48 - 75mm / 1.88" - 2.95". Adapted to fluorescence illumination and filter box with B, G and brightfield position. Includes polarized 360° rotation.

#### NOSEPIECE

Quadruple with anti-slip grip and click-stops.

#### OBJECTIVES

4X, 10X, 40X (S) and 100X (S) (oil) with infinity corrected achromatic optics, metallic finish and color ring for easy identification.

#### STAND

Stative, robust and reinforced with epoxy paint finish.

#### STAGE

Double plate with coaxial X-Y movement, 5.90" x 5.19", vernier, millimeter scale, height adjustment with clamp and stop.

#### CONDENSER

Abbe, N.A. 1.25 with height adjustment screw.

#### DIAPHRAGM

Iris with filter holder.

#### FOCUSING

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

#### ILLUMINATION

Kohler halogen 12V/30W with field diaphragm lamp and epifluorescence using 100W mercury vapor with variable intensity control.

#### POWER SUPPLY

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

#### ACCESSORIES INCLUDED

2 Power cords.

Blue, green and yellow filters.

Dust cover.

Immersion oil.

Microscope power supply.

Operation manual.

