

VELAB™



VE-146YT

Binocular Metallurgical Microscope

The VE-146 metallographic microscope is ideal for materials science, it includes transmitted and incident light with polarization. Ideal for observing metals, crystals, powders and translucent materials.

Velab, Co.
USA

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SPECIFICATIONS

EYEPIECES

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

HEAD

Binocular Siedentopf type, 30° inclined and 360° rotation, with interpupillary distance adjustment between 48 - 75mm / 1.88" - 2.95". Adapted to epi-Kohler illumination and filter box with two positions. Includes polarizer 360° rotation.

NOSEPIECE

Quintuple with anti-slip grip and click-stops.

OBJECTIVES

4X, 10X, 40X (retractable) and 100X (retractable) oil immersion of long work distance with infinity corrected plan achromatic optics, metallic finish and color ring for easy identification.

BODY

Stative, robust and reinforced with epoxy paint finish.

STAGE

Double plate with coaxial X-Y movement, 190 x 150mm / 7.48" x 5.90", with integrated clear glass surface and height adjustment stop.

CONDENSER

Abbe, A.N. 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 variable intensity control and field diaphragm in the lamp.

POWER SUPPLY

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

ACCESSORIES INCLUDED

Power cord.
Dust cover.
Operation manual.
IBD-2, IF550 and ND25 filters.
Blue, green and yellow filters.
Stage micrometer.
Micrometer eyepiece, DIV:0.1 mm.

