



VE-148P

Binocular Polarization Microscope

The VE-148P is a professional polarized light microscope, ideal for observing crystalline or fibrous materials and the identification or study of mineral textures. The VE-148P offers observations with 3 types of polarized light (conoscopic, simple and orthogonal) and has a rotating circular stage, divided by a 360° scale.

Velab, Co.

USA

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DATOS TÉCNICOS

EYEPIECES

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

HEAD

Binocular Siedentopf type, 45° inclined and 360° rotatable, with interpupillary distance adjustment between 48 - 75mm / 1.88" - 2.95" and Bertrand lens system.

NOSEPIECE

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

OBJECTIVES

4X, 10X, 25X (S), 40X (S) and 63X (S) with achromatic optics, metallic finish and color ring for easy identification.

STAGE

Stative, robust and reinforced with epoxy paint finish.

STAGE

Circular mechanics with 170 mm / 6.69" diameter, divided in 360° scale, goniometer and double sample adjustment option, two clips or removable mechanical stage with X-Y movement.

CONDENSER

Abbe, N.A. 1.3 of oscillation.

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

110-240, 50/60 Hz AC adapter.

ACCESSORIES INCLUDED

- 2 Allen wrenches.
- Dust cover.
- Operation manual.
- Power cord.
- Stage micrometer.
- Eyeiece 10X/20mm with grid reticle.
- Gypsum (1λ), mica ($1/4\lambda$), quartz wedge and cover dust filters.
- Micrometer eyepiece, DIV:0.1 mm.

