



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

