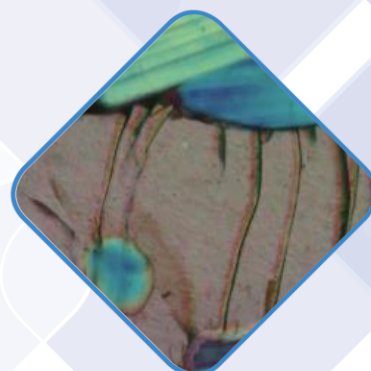


LAB 40 POL Series Microscope





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LAB 40 POL is a new generation metallographic microscope, based on the LAB 40 model. High quality optics, bright, adjustable reflected and transmitted halogen light and the possibility to observe in bright field technique and polarized light make the LAB 40 POL a perfect device for research both in industry and education.

Technical parameters*

Optics	Infinity-corrected optical system.
Viewing head	Binocular or trinocular (optional). Adjustable interpupillary distance: 54-75 mm. Eyepiece inclination: 30°. Dioptric correction: +/- 5 diopters in left eyepiece.
Eyepieces	Wide field of view PL10X/22 mm or PL15X/16 mm.
Revolving nosepiece	Quadruple or quintuple, centerable.
Objectives	Plan achromatic LWD objectives: 5x, 10x, 20x, 50x or plan destressing objectives: 4x, 10x, 20x, 40x, 60x.
Bertrand lens module	Centerable. Removable analyzer and compensator.
Analyzer	Rotary. 2° increment, 6' precision.
Compensator	Gypsum 1λ, Mical 1/4λ, Quartz wedge.
Condenser	N.A.1.2 (SWING) condenser with rotary polarizer.
Focus adjustment	Coaxial coarse and fine focus adjustment knob with coarse focus movement tension adjustment. Movement range: 30 mm. Movement precision: 0,002 mm.
Stage	Circular, rotary. Diameter: 160mm. Anti-corrosive and anti-friction graphite coating. 1° increment. Precision: 6'.
Illumination	Reflected light: 12V/50W centerable halogen lamp with LBD filter, pluggable polarizer, field and aperture diaphragm. Transmitted light: 12V/50W centerable halogen lamp with aperture diaphragm.
Base	3 types available: reflected light base, transmitted light base, transmitted and reflected light base.

** Due to constant technological progress, the parameters provided above are purely informational in nature, depict an example configuration and are liable to change*