

POLARIZING MICROSCOPES

50-CXBP Polarizing Microscope

This polarizing microscope features transmitted light illumination, brightfield and polarized light applications. It is an ideal instrument for geology, petroleum, mineral crystal and physics studies. The stress free optics and design make investigation and observation of their sections and mounted samples fast and easy.

Features:

- Most modern design incorporating outstanding optics and mechanical advancements
- Siedentopf binocular viewing bodies, 30° inclined.
- Quadruple reverse nosepiece
- Low position co-axial focusing mechanism with positive focus stop and tension adjustment
- Energy efficient, variable LED illumination
- Revolving round stage Φ 160mm with calibration
- Focusable sub-stage N.A. 1.25 Abbe condenser with iris diaphragm mounted on rack-and-pinion system
- Comes complete with dust cover and instruction manual
- Shipping Information: 9" x 14" x 19"-12lbs



50-CXBP-100-LED

Viewing Head	Siedentopf binocular head which will not change the length in the eyepiece tubes when interpupillary distance adjustments are made	
	30° inclined and 360° rotatable	
	Interpupillary adjustment of 55mm-75mm	
Eyepiece	Wide field (WF)10x/18mm, diopter adjustment on right eyepiece tube, calibrated pointer on one eyepiece	
Nosepiece	Revolving reversed quadruple objective nosepiece	
Non-stress Objectives	Achromatic DIN 4X/0.10 160/0.17	
	Achromatic DIN 10X/0.25 160/0.17	
	Achromatic DIN 40XR/0.65 160/0.17 (Retractable)	
	Achromatic DIN 100XR/1.25 oil 160/0.17 (Retractable)	
Focusing System	Low position coaxial coarse and fine focus knobs on both sides	
	Focusing range 14mm, fine focus graduation of 0.01mm	
	Rack and pinion coarse focusing stops at both ends of travel to prevent damage to the microscope gears	
	Tension adjustment eliminates focus drift	
Stage	Revolving round stage: Φ 160mm 360° rotatable, Division 1°, Vernier division 6'	
	Spring-loaded stage clips	
Illumination	Focusable N.A. 1.25 Abbe condensers, Φ 2- Φ 30mm adjustable aperture iris diaphragm	
	3w LED With light intensity control	
Polarizing Attachment	Analyzer Unit	Rotatable analyzer with graduation 0-90°. Sliding out of optical path.
	Optical Compensator	λ Slip: First Class Red 1/4 λ Slip
	Polarizing Unit	On the light collector, 360° rotatable
Other Characters	Ergonomically designed metal frame for stability and durability, arm and base made of one piece construction	



Reverse Nosepiece



Revolving Round Stage



Calibrated Pointer



Turn-wheel iris diaphragm with plastic cover

Recommended Objectives for Observation

	4X	10X	40X	100X
Polarizing Observation	YES	YES	YES	YES
Regular Bright-field Observation	YES	YES	YES	YES

Item No.	Description	Achromatic Objectives	Illumination
50-CXBP-100-LED	Binocular Head	4X, 10X, 40XR, 100XR	3W LED