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LB-620 Trinocular Laboratory Metallurgical Microscope with Extra Wide Field, Bright Field and Dark Field with Infinite Plan Optical System (Infinity Color Corrected System)

Applications

LB-620 Trinocular Laboratory Metallurgical Microscope with Extra Wide Field, Bright Field and Dark Field with Infinite Plan Optical System (Infinity Color Corrected System) is widely used in institutes and laboratories to observe and identify the structure of various metals and alloys. It also can be widely used in the electronics, chemical and instrumentation industry to observe opaque materials and transparent materials, such as metal, ceramics, integrated circuits, electronic chips, printed circuit boards, LCD panels, film, powder, toner, wire, fibers, plated coatings, and other non-metallic materials and so on.

Technical Specifications

Optical System:	Infinite optical system
Viewing Head:	Siedentopf trinocular viewing head, inclined at 30°, interpupillary distance 48mm-75mm
Eyeiece:	Extra wide field eyepiece EW10×/22
Infinite plan Achromatic Objective:	5×/ 0.12/ ∞/ - (BF) 10×/ 0.25/ ∞/ - (BF/DF) 20×/ 0.4/ ∞/ 0 (BF/DF) 50×/ 0.75/ ∞/ 0 (BF) 100×/ 0.9/ ∞/ 0 (BF) 40×/ 0.65/ ∞/ 0.17 100×/ 1.25/ ∞/ 0.17
Maximum Sample Height:	30mm
Reflected Light:	24V/100W Halogen light, lightness adjustable Kohler illumination and aspherical condenser Blue, Green, Yellow and Ground glass
Transmitted light:	Swing-out condenser NA0.9/ 0.25 24V/ 100W Halogen light and aspherical condenser Blue filter
Focusing:	Coaxial coarse and fine adjustment, fine division 1μm
Nosepiece:	Backward quintuple nosepiece
Stage:	Double layer mechanical stage 186×138mm/ 74mm×50mm Specimen preparation plate Slide glass



Specimen Presser

