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LB-619 Inverted Trinocular Metallurgical Microscope with Infinite Plan Optical System, Extra Wide Field and Kohler Illumination

Introduction

LB-619 Inverted Trinocular Metallurgical Microscope with Infinite Plan Optical System (Infinity Color Corrected System), Extra Wide Field and Kohler Illumination can identify and analyze not only a variety of metals, alloys, non-metallic material and the organizational structure and integrated circuits, but also micro-particles, wires, fibers, surface coating and so on. Digital cameras can be added to the trinocular tube to take images and make image analysis. DIC observation is optional.

Applications

LB-619 Inverted Trinocular Metallurgical Microscope with Infinite Plan Optical System, Extra Wide Field and Kohler Illumination can be used in institutes and laboratories to observe and identify the structure of various metal and alloy, it also can be widely used in electronics, chemical and instrumentation industry, observe the opaque material and transparent material, 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 head, inclined at 30°, interpupillary distance 48-75mm
Extra Wide Field Eyepiece:	EW10×/ 22 EW10×/ 20 Eyepiece with scale of cross hair
Infinite LWD Plan Achromatic Objective:	5×/0.12/∞/0 (BF/DF) LWD 10.0mm 10×/0.25/∞/0 (BF/DF) LWD 10.0mm 20×/0.40/∞/0 (BF/DF) LWD 5.0mm 50×/0.75/∞/0 (BF/DF) LWD 1.3mm 100×/0.90/∞/0 (BF/DF) LWD 0.7mm
Nosepiece:	Backward quintuple nosepiece
Stage:	Double layer mechanical stage 226×178mm, Moving range 40mm×40mm Small stage plate, Φ20mm, Φ30mm,
Focusing:	Coaxial coarse & fine adjustment, fine division 2μm, move up 1mm, down 7mm
Kohler Reflected Illumination:	12V/50W Halogen lamp, center and brightness adjustable Polarizer and analyzer Built-in Green, Blue, Yellow, Gray and Frosted filters
Optional Accessories (must be purchased separately):	Micrometer scale 0.01mm Photo Attachment Video Attachment with C Mount

