



MICROSCOPES



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Laboratory Metallurgical Microscope IMM-1100 Series is a part of the range of laboratory microscope and stands out through its design which is ergonomic, vigorous and constant and stable. This laboratory microscope is used to view samples that will fit on the microscope stage. This range, with its large working distance with infinite plan achromatic: 4X/0.1/ ∞ /-17.3 mm, 10X/0.25/ ∞ /-10.0 mm, 40X/0.60/ ∞ /0-2.9 mm objective. Adjustable 6V/20W halogen lamp Koehler illumination and epi-illuminator ensures the optimum illumination of the materials to be tested. The illuminating system consists of a high-intensity light source, Abbe N.A. 1.25 condenser lenses with Iris Diaphragm. The binocular and trinocular viewing head with wild field WF10X18 mm eyepieces fitted with 48-75mm interpupillary distance as standard. Blue, Green, Yellow and Ground filters are often used to recover detail and polarizing filters, to produce surface glare and to recover grain boundary definition.

- Infinite plan achromatic objective, and Quadruple nosepiece
- Wild field S WF10X18 mm eyepieces
- Coaxial coarse & fine adjustment fine division of length 0.002 mm, coarse stroke 37.7 mm/rotation, fine stroke 0.2 mm/rotation, range of 20 mm
- Double layer mechanical stage of length 150×140 mm along with moving range 75×50mm
- Strain-free swing out condenser N.A.0.9/0.25
- 6V/20W Halogen lamp reflected and transmitted light source
- Different filters Blue, Green, Yellow and Ground filters
- Binocular 30° inclined and a 360° rotatable head with interpupillary distance 48 to 75 mm and trinocular 30° inclined and a 360° rotatable head with interpupillary distance 48 to 75 mm
- Small foot print and light weight
- Easy operating with ergonomic design
- Excellent image quality with Infinite optical system
- Optional accessories Specimen Presser For metallurgical specimen preparation; Polarizer and Analyzer; Photo and Video Adapter

Sample Image



