



MICROSCOPES



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Inverted Metallurgical Microscope IMM-2100 Series is a part of the range of inverted microscope and stands out through its design which is ergonomic, vigorous and constant and stable. This inverted microscope is used to view large sample to observe as the objective lenses are located below the stage and allow for placing heavy mechanical parts directly on the stage above the objectives. This range, with its large working distance with infinite plan achromatic: 4X/ 0.1/ ∞ - 17.3 mm, 10X/0.25/ ∞ - 10.0 mm, 20X/0.40/ ∞ -5.8 mm, 40X/0.65/ ∞ -0-0.52 mm objective. Adjustable 6V/ 30W Halogen lamp, Kohler illumination to ensure 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 trinocular viewing head with extra wild field EW10X20 mm eyepieces fitted with 48-75mm interpupillary distance as standard. Blue, Yellow, Green and Frosted filters are often used to recover detail and polarizing filters, to produce surface glare and to recover grain boundary definition.

- Long Working Distance, Infinite Plan objective
- Coaxial coarse & fine adjustment, fine division 2 μ m, moving range 30mm
- Offer stages that are designed to move small sample slides or entire microscopes including Mechanical Stage to facilitates sample observations of length 200x150mm, Travel range: 77x52mm
- Extra wild field Adjustable EW10X20mm eyepieces
- 6V/30W Halogen lamp reflected and transmitted light source
- Different filters Blue, Yellow, Green and Frosted filters
- 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, Photo and Video Adapter

Accessories



X-Y stage

Sample Image



