

## **INVERTOPLAN™ INVERTED METALLURGICAL MICROSCOPE**

### **TECHNICAL FEATURES**

Optical System	Plan Achromatic, anti reflection coated optical system.
Stand	Sturdily built inverted microscope design.
Observation Head	High transmission Trinocular. (Optionally Binocular)
Eyepieces	WF10X paired with provision for fixing micrometer disc. (Optionally WF 15X & 20X)
Plan Objectives (Anti-Fungus)	Multilayer, anti reflection coated Plan metallurgical objectives M5X, M10X, M20X & M 40X. (Optionally M80X & M100X dry objectives)
Focussing	Low position coaxial coarse and fine adjustment on ball track movement for greater reliability. Coarse motion range 35 mm. Fine focus range 1.4 mm.
Nosepiece	Quadruple ball bearing nosepiece for perfect alignment
Stage	Coaxial graduated mechanical stage 175mmx 150mm with X-Y travel 75mm x 50mm.
Incident	Built in Koehler's incident illuminators with 6V 20W illumination halogen lamp, field and aperture diaphragm, also having filters slot for yellow and green filters.
Magnification	50X to 400X (Standard), Upto 800X or 1600X with M80X dry objective and 20X eyepiece. * Incident Polarising Attachment for examination of Inclusions, bubbles, etching & scratches on materials with birefringence. * Graticules, Cross Line, 10mm x 100 Parts, 5mm square & grain size graticule according to ASTM standard. * FME-10x, Filer Micrometer Eyepiece. * Photomicrography Equipment & Computer compatible Video system with printer & Image analysis system.



**Model : InvertoPlan**



Tel. : + 91 (22) 2828 2830, 5627 6362 Fax : 2828 0397  
 Mobile : 9821424481 Email : nilpacon@vsnl.com

**NILPA CONSULTANCY**

2/B, Shobhana Apartment,  
 K. V. Road, Off W. S. Road,  
 Dahisar (E), Mumbai - 400 068.