

## PENTA OPTO-550 MULTI VIEWING MICROSCOPE (INFINITY CORRECTED PLAN OPTICAL SYSTEM)



### **TECHNICAL FEATURES**

Optical System	Infinity corrected plan optical system with DIN standard optics (True Colour)
Observation Head	One number high transmission sidentopf trinocular head 30°inclined. Compensation free 360° rotatable. Four numbers compensations free binocular head inclined 30° and 360° rotatable.
Light Pointer	A moveable built in green LED pointed (Brightness Adjustable) is supplied as a standard accessory
Eye Piece	Ultrawide field and compensation WF10x paired eye piece 5 pairs
Plan Objective	Infinity corrected super plan objectives PL4x, PL10x, PL40x, PL100x (Anti Fungus)
Focusing	Low and forward position. Co-axial coarse and fine focusing mechanism supported on ball bearing with tension control ring and pre-focus stopper. Coarse focus 30mm. Fine motion reading to 0.002mm
Nose piece	Inward revolving quintuple nose piece with ball bearing system for perfect alignment
Stage	Super hard coated large mechanical stage 185 x 145mm with low position co-axial X-Y motion controls. X-Y motion 75mm x 55mm.
Illumination	Hoehlers illumination with 12V / 50W super bright halogen lamp with variable control
Magnification	40x - 1000x standard. Optionally upto 2000x
Optional	Automatic photography and video equipments, computer compatible
Condenser	Swing out condenser N.A. 0.9/0.25 to provide perfect illumination under all magnification to all the observers.



**NILPA CONSULTANCY**

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

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