



**NSB-PH80 / NSB-PH50T**



**NSB-PH80**



**NSB-PH50T**



## 1 Features

- This phase contrast microscope is an optical microscopy illumination technique in which small phase shifts in the light passing through a transparent specimen are converted into amplitude or contrast changes in the image.
- View transparent specimen in the waste water treatment, dairy, and water purification applications.

## 2 Specifications

Model	NSB-PH80	NSB-PH50T
Viewing Head	Compensation Free Trinocular Head Interpupillary Distance 55-77mm	Compensation Free Trinocular Head Interpupillary Distance 55-75mm
Magnification	40X -1000X	
Eyepiece	WF 10X/20	High and Wide Field Eyepiece EW10X/20
Phase Contrast kit	Turret annular phase condenser, Centering telescope, Green filter, Infinity plan-achromatic phase contrast objective PH10x, PH20x, PH40x(s), PH100x(s, oil)	
Nosepiece	Backward Quadruple Nosepiece	
Stage	Mechanical Stage 135x150mm/76x50mm	Mechanical Stage 140x140mm/75x50mm
Focusing	Coaxial Coarse & Fine Focus Adjust System Range 20mm, Fine Division 0.002mm	Coaxial Coarse & Fine Focus Adjust System Range 23mm, Fine Division 0.002mm
Condenser	Abbe NA1.25 with Iris Diaphragm and Filter, Rack & Pinion Adjustment	
Illumination	Halogen Lamp 6V20W Brightness Adjustable	Halogen Lamp 6V30W Brightness Adjustable
Operation Temperature	-10 °C to 70 °C	
Input power	AC 220V 60Hz.	

## 3 Options

- 1) CCD Monitor System
- 2) Digital Camera System
- 3) Image Analysis Software
- 4) Dry, Oil Dark Field Condenser (with 100x Objective for Dark Field)
- 5) Micrometer set: 0.01mm stage micrometer, WF10X with 0.1mm micrometer