

BS-6000A Metallurgical Microscope



BS-6000A



BS-6000AT(Transmitted)

Introduction

BS-6000A series metallurgical microscopes are designed for metallography analysis. With excellent optical system, ingenious stand and convenient operation, they will be your best choice.

Feature

1. Excellent infinite optical system.
2. High magnification objective with long working distance.
3. Comfortable operation with low position focus knob.
4. Easy, safe and reliable lamp replacement device.

Application

BS-6000A series metallurgical microscopes are widely used in industrial areas for PCB board, LCD display, metal structure observation and inspection. It also can be used in colleagues for metallography education and research.

Specification

Item	Specification	BS-6000A	BS-6000AT
Viewing Head	Seidentopf type binocular head, inclined at 30°, 360° rotatable, interpupillary distance 48-75mm	●	
	Seidentopf type trinocular head, inclined at 30°, 360° rotatable, interpupillary distance 48-75mm, Light distribution: 20:80		●
Eyepiece	WF10×/18mm	●	●
	WF8×/18mm	○	○
	WF10×/18mm with 0.1mm Micrometer & cross hair	○	○
	WF12.5×/15mm	○	○
Infinite Plan Achromatic	4×/0.1/∞/- WD 17.3mm	●	●
	5×/0.12/∞/- WD 15.5mm	○	○

Objectives	10×/0.25/∞/- WD 10.0mm	●	●
	20×/0.40/∞/0 WD 5.8mm	○	○
	40×/0.60/∞/0 WD 2.9mm	●	●
	40×/0.65/∞/0 WD 0.52mm	○	○
	50×/0.75/∞/0 WD 0.32mm	○	○
	80×/0.90/∞/0 WD 0.2mm	○	○
	100×/0.80/∞/0 WD 2mm	○	○
Nosepiece	Quadruple Nosepiece	●	●
Stage	Double layer mechanical stage 150×140mm, moving range 75×50mm	●	●
Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Range 20mm	●	●
Illumination	Kohler Illumination, Epi-illuminator with iris aperture diaphragm and iris field diaphragm, 6V/20W Halogen lamp, Brightness adjustable	●	●
	Kohler Illumination, Epi-illuminator with iris aperture diaphragm and iris field diaphragm, 3W LED illumination, Brightness adjustable	○	○
	Transmitted Illumination, 6V/20W Halogen Lamp, Brightness Adjustable	○	○
Filters	Blue, Green, Yellow & Ground filters	●	●
Polarizing Set	Polarizer and Analyzer	○	○
Specimen Presser	For metallurgical specimen preparation	○	○
Photo Adapter	Used to connect DSLR camera to the microscope	○	○
Video Adapter	1×, 0.5× C-mount adapter	○	○

Note: ●Standard parts, ○Optional parts

Sample Image

