

STALWART

Metallurgical Microscope STM-6000A Series



STM-6000A



STM-6000AT

Introduction

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

Features

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

Specification

Item	Specification	STM-6000A	STM-6000AT
Viewing Head	Seidentopf type binocular head, inclined at 30°, 360° rotatable, interpupillary distance 48-75mm	Standard	
	Seidentopf type trinocular head, inclined at 30°, 360° rotatable, interpupillary distance 48-75mm, Light distribution: 20:80		Standard
Eyepiece	WF10×/18mm	Standard	Standard
	WF8×/18mm	Optional	Optional
	WF10×/18mm with 0.1mm Micrometer & cross hair	Optional	Optional
	WF12.5×/15mm	Optional	Optional
Infinite Plan Achromatic Objectives	4×/0.1/∞/- WD 17.3mm	Standard	Standard
	5×/0.12/∞/- WD 15.5mm	Optional	Optional
	10×/0.25/∞/- WD 10.0mm	Standard	Standard
	20×/0.40/∞/0 WD 5.8mm	Optional	Optional
	40×/0.60/∞/0 WD 2.9mm	Standard	Standard
	40×/0.65/∞/0 WD 0.52mm	Optional	Optional
	50×/0.75/∞/0 WD 0.32mm	Optional	Optional
	80×/0.90/∞/0 WD 0.2mm	Optional	Optional
	100×/0.80/∞/0 WD 2mm	Optional	Optional
Nosepiece	Quadruple Nosepiece	Standard	Standard
Stage	Double layer mechanical stage 150×140mm, moving range 75×50mm	Standard	Standard

Specification

Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Range 20mm	Standard	Standard
Illumination	Kohler Illumination, Epi-illuminator with iris aperture diaphragm and iris field diaphragm, 6V/20W Halogen lamp, Brightness adjustable	Standard	Standard
	Kohler Illumination, Epi-illuminator with iris aperture diaphragm and iris field diaphragm, 3W LED illumination, Brightness adjustable	Optional	Optional
	Transmitted Illumination, 6V/20W Halogen Lamp, Brightness Adjustable	Optional	Optional
Filters	Blue, Green, Yellow & Ground filters	Standard	Standard
Polarizing Set	Polarizer and Analyzer	Optional	Optional
Specimen Presser	For metallurgical specimen preparation	Optional	Optional
Photo Adapter	Used to connect DSLR camera to the microscope	Optional	Optional
Video Adapter	1×, 0.5× C-mount adapter	Optional	Optional

Application

STM-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 colleges for metallography education and research.

Sample Pictures

