

STALWART

Metallurgical Microscope STM-6002 Series



STM-6002BR



STM-6002BTR

Introduction

STM-6002BR/TR Series metallurgical microscopes are high level professional microscopes which are specially designed for metallurgical analysis. With excellent optical system, ingenious stand and convenient operation, they will be your best choice.

Features

- Infinite optical system provide excellent resolution and definition.
- Infinite long working distance objective, provide wide space for specimens.
- Powerful transmitted and reflected system with Kohler illumination.
- Polarizing attachment and other accessories are available.

Specification

Item	Specification	STM-6002BR	STM-6002BTR	
Optical System	Infinite Optical System	Standard	Standard	
Viewing Head	Seidentopf Binocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance: 48-76mm, Tube diameter: 30mm	Standard	Standard	
	Seidentopf Trinocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance: 48-76mm, Tube diameter: 30mm. Light distribution (both): 100: 0 (100% for eyepiece), 80:20 (80% for trinocular head and 20% for eyepiece)	Optional	Optional	
Eyepieces	WF10×/22mm (adjustable)	Standard	Standard	
	WF10×/22mm (adjustable , reticule 0.1mm)	Standard	Standard	
Long Working Distance Infinite Plan Objective	5×/0.10	W.D=24.23mm	Standard	Standard
	10×/0.25	W.D=18.48mm	Standard	Standard
	20×/0.40 (S)	W.D=8.35mm	Standard	Standard
	40×/0.65 (S)	W.D=3.90mm	Optional	Optional
	50×/0.7 (S)	W.D=1.95mm	Standard	Standard
	80×/0.80 (S)	W.D=0.85mm	Optional	Optional
	100×/0.90 (S)	W.D=1.00mm	Optional	Optional
Nosepiece	Backward Quintuple Nosepiece	Standard	Standard	
Mechanical Stage	Stage size: 200mm × 150mm, Travel range: 77mm × 52mm. Stage fast lowering unit: Up-Down moving range can be increased to 50mm	Standard	Standard	
	Stage size: 182mm × 140mm, Travel range: 77mm × 52mm Two slid holder, Metal plate size: 200mm x 150mm		Standard	

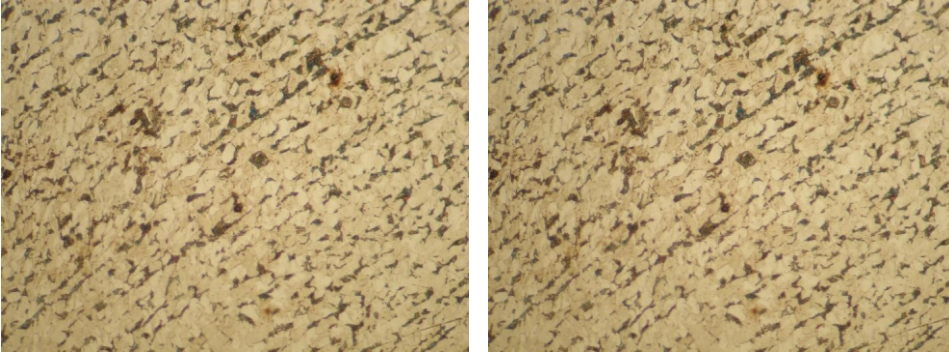
Specification

Focus	Coaxial Coarse and Fine Focusing, Fine Division 0.002mm, Fine Stroke 0.2mm per Rotation, Moving Range 25mm. Tightness adjustment, upper distance limiter	Standard	Standard
Micrometer	Stage Micrometer 0.01mm	Optional	Optional
Polarizing Unit	Polarizing and Analyzer attachment	Standard	Standard
Condenser	Abbe N.A. 1.25 with Iris Diaphragm		Standard
Illumination	Reflected Illumination, 12V/50W Halogen lamp (Input voltage: 100V~240V), Field diaphragm	Standard	Standard
	Transmitted Illumination, 6V/20W Halogen lamp (Input voltage: 100V~240V), Field diaphragm, Center adjustable.		Standard
Filter	Blue	Standard	Standard
	Green	Optional	Optional
	Amber	Optional	Optional
	Grey	Optional	Optional
C-mount Adapter	1× C-mount	Optional	Optional
	0.5× C-mount (Focus Adjustable)	Optional	Optional
Packing	Packing Size: 750×360×450mm, Gross Weight: 16 kgs, Net Weight: 12kgs	Standard	Standard

Application

STM-6002BR/TR series metallurgical microscopes are widely used in institutes and laboratories to observe and identify the structure of various metal and alloy, they also can be widely used in electronics, chemical and instrumentation industry, observe the opaque material and transparent material, such as metal, ceramics, integrated circuits, electronic chips, printed circuit boards, LCD panels, film, powder, toner, wire, fibers, plated coatings, and other non-metallic materials and so on.

Special Pictures



Dimension

