

STALWART

Inverted Metallurgical Microscope STM-6030



STM-6030

Introduction

STM-6030 Inverted Metallurgical Microscope is a research level metallurgical microscope, it can identify and analyze not only a variety of metals, alloys, non-metallic material and the organizational structure and integrated circuits, but also micro-particles, wires, fibers, surface coating and so on. Digital cameras can be added to the trinocular tube to take images and make image analysis. DIC oSTMervation is optional.

Features

- Infinite optical system provides excellent optical functions.
- DIC oSTMervation is optional.
- Meet most of your requirements by high performance optical system, technological innovation and high stability.

Specification

Item	Specification	STM-6030
Optical System	Infinite optical system	Standard
Viewing Head	Siedentopf trinocular head, inclined at 30°, interpupillary distance 48-75mm	Standard
Extra Wide Field	WF10×/ 22mm	Standard
Eyepiece	WF10×/ 20mm Eyepiece with scale of cross hair	Standard
	WF15×/ 16mm	Optional
	WF20×/ 12mm	Optional
Infinite LWD	5×/0.12/∞/0 (BF/DF) LWD 10.0mm	Standard
Plan Achromatic Objective	10×/0.25/∞/0 (BF/DF) LWD 10.0mm	Standard
	20×/0.40/∞/0 (BF/DF) LWD 5.0mm	Standard
	50×/0.75/∞/0 (BF/DF) LWD 1.3mm	Standard
	100×/0.90/∞/0 (BF/DF) LWD 0.7mm	Standard
Nosepiece	Backward quintuple nosepiece	Standard
Stage	Double layer mechanical stage 226×178mm, Moving range 40mm×40mm	Standard
	Small stage plate, Φ20mm, Φ30mm, water drop type	Standard
Focusing	Coaxial coarse & fine adjustment, fine division 2μm, move up 1mm, down 7mm	Standard
Kohler Reflected Illumination	12V/50W Halogen light, center and brightness adjustable	Standard
	Polarizer and analyzer	Standard
	DIC attachment	Optional
	Built-in Green, Blue, Yellow, Gray and Ground glass filters	Standard
Optional Accessories	Photo Adapter(Used to connect Nikon/Canon DSLR camera to the microscope)	Optional
	0.5× C-mount Video Adapter	Standard
	Micrometer scale 0.01mm	Standard

Application

STM-6030 can be used in institutes and laboratories to oSTMerve and identify the structure of various metal and alloy, it also can be widely used in electronics, chemical and instrumentation industry, oSTMerve 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.