

STALWART

Biological Microscope STM-2030 Series



STM-2030B



STM-2030BD



STM-2030T

Introduction

With precision machining equipment and advanced alignment technology, STM-2030 series microscopes are classical biological microscopes. These microscopes are widely used in educational, academic, agricultural and study field. With a microscope adapter, a digital camera (or digital eyepiece) can be plug in to the trinocular tube or the eyepiece tube. Rechargeable battery(only for LED illumination) is optional for outdoors operation or places that power supply is not stable.

Features

- New machining facility and advanced alignment technology.
- Comfortable operation with updated and ergonomic design;
- Compact and flexible, ideally suited for desktop, laboratory worktable;
- Interpupillary distance can be adjusted to fit for oSTMervation;
- Support Windows Vista / Win 7 / Win8 / Win 10 / Mac Operation System. The software can preview, take photos and video, do image processing and measurement;
- Support Multi-language (Arabic, Chinese, English, French, German, Japanese, Polish etc.).

Specification

Item	Specification	STM-2030 M	STM-2030 B	STM-2030 T	STM-2030 BD
Viewing Head	Monocular Head Inclined at 45°, 360° Rotatable	Standard			
	Sliding Binocular Head Inclined at 45°, 360° Rotatable; interpupillary distance 55-75mm.		Standard		
	Sliding Trinocular Head, inclined at 45 ° and 360 ° Rotatable, interpupillary distance 55-75mm			Standard	
	Seidentopf Binocular Head Inclined at 45°, 360° Rotatable; interpupillary distance 48-75mm.		Optional		
	Sliding Binocular Head with 1.3MP digital camera, Inclined at 45°, 360° Rotatable; interpupillary distance 55-75mm.				Standard
	Anti-mould.	Optional	Optional	Optional	Optional
Eyepiece	Wide Field Eyepiece WF10×/ 18mm	Standard	Standard	Standard	Standard
	Wide Field Eyepiece WF16×/ 11mm	Optional	Optional	Optional	Optional
Nosepiece	Quadruple Nosepiece	Standard	Standard	Standard	Standard
	Quintuple Nosepiece	Optional	Optional	Optional	Optional
Objective	Achromatic Objective 4×, 10×, 40×, 100×	Standard	Standard	Standard	Standard
	Achromatic Objective 20×, 60×	Optional	Optional	Optional	Optional
	Semi-Plan Achromatic Objective 4×, 10×, 20×, 40×, 60×, 100×	Optional	Optional	Optional	Optional
	Plan Achromatic Objective 4×, 10×, 20×, 40×, 60×, 100×	Optional	Optional	Optional	Optional

Specification

Total magnifications	With 10x eyepiece: 40×, 100×, 400×, 1000×	Standard	Standard	Standard	Standard
	With 16x eyepiece: 64×, 160×, 640×, 1600×	Optional	Optional	Optional	Optional
Stage	Double Layer Mechanical Stage 140× 140mm/ 75×50mm	Standard	Standard	Standard	Standard
	Left hand operation Double Layer Mechanical Stage 140×140mm/ 75×50mm	Optional	Optional	Optional	Optional
Focus	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 28mm	Standard	Standard	Standard	Standard
Condenser	Abbe NA 1.25 with Iris Diaphragm & Filter	Standard	Standard	Standard	Standard
Illumination	1W S-LED Illumination, Brightness Adjustable	Standard	Standard	Standard	Standard
	6V/20W Halogen light, Brightness Adjustable	Optional	Optional	Optional	Optional
	Plan-concave Mirror	Standard	Standard	Standard	Standard
Body / Energy	Firm Aluminum Body and built in power supply 110-240V	Standard	Standard	Standard	Standard
Supplied with	Dust cover, immersion oil and user manual	Standard	Standard	Standard	Standard
Polarization Set	Simple Polarization Set	Optional	Optional	Optional	Optional
Phase Contrast Kit	Simple phase contrast kit	Optional	Optional	Optional	Optional
	Sliding phase contrast kit	Optional	Optional	Optional	Optional
	Turret phase contrast kit	Optional	Optional	Optional	Optional
Dark Field Attachment	Dark Field Attachment (Dry) NA0.9	Optional	Optional	Optional	Optional
	Dark Field Attachment (Oil) NA1.25-1.36	Optional	Optional	Optional	Optional
Fluorescent Attachment	YX-2B Fluorescent Attachment	Optional	Optional	Optional	Optional
Battery	Rechargeable battery (only for LED	Optional	Optional	Optional	Optional
	illumination)	Optional	Optional	Optional	Optional
Package	1pc/carton, 33cm×28cm×44cm×, 7kg	Standard	Standard	Standard	Standard

Application

This binocular microscope is an ideal instrument in biological, histological, pathological field and can be widely used in medical and sanitary establishments, laboratories, institutes, academic laboratories, colleges and universities.

Sample Images

