





Inverted trinocular LED fluorescence microscope, B & G LED Fluorescence Cubes, IOS LWD W-PLAN PH objectives

Observation Method - Transmitted Light Brightfield Yes Observation Method - Fluorescence Yes Main Body Type Inverted Construction material Aluminum die-cast Head Type Trinocular (Siedentopf) Split ratio 100/0 - 0/100 Inclination 45° Interpupillary distance (mm) 50-75 Diopter adjustment On left tube Tube inner diameter (mm) 30 Eyepieces Field number (mm) 22 Magnification 10x Planar type Yes Micrometric scale As optional Diameter of micrometer glass (mm) 26 High eyepoint (for glass wearers) Yes Rubber cup Yes	
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Rubber cup Yes	
Retractable protections Yes	
Nosepiece Positions Quintuple	
Reversed Yes	
Bi-directional Yes	
Rotation on ball bearings Yes	
Objective thread RMS	
Objectives Optical system ∞	
Anti-fungus treatment Yes	
Parfocal distance (mm) 45	
Standard magnifications 100x-400x	
Type IOS LWD W-PLAN PH	
IOS LWD W-PLAN PH	
10x/0.25, W.D. 7.3 mm	
IOS LWD W-PLAN PH	
20x/0.40, W.D. 6.8 mm	

Stage Type Flaxed Dimensions (nm) 250x100 Material Anti-scatch planting Glass round insert Yes Medial round insert Yes Condenser - Single Type Position If yee Abbe Yes Stage for phase contrast Yes Diaphragm If is Sider for phase contrast Yes Diaphragm If is Sider for phase contrast Yes Working distance (for LWD) (nm) 72 Extendable working distance (for LWD) (nm) Up to 150 Extendable working distance (for LWD) (nm) 22 Fine total travel (per single rotation) (mm) 22 Fine total travel (per single rotation) (mm) 22 Adjustable transion Yes Yepe XLED Transmitted Yype Hight torace power (W) 3 Brightness control Manual Hight torace power (W) 45 Brightness control Manual Hight tora			IOS LWD W-PLAN PH
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Green filter Yes LBD filter Yes User Manual Digital version (downloadable) Additional Information Mechanical stage dimension 250x230 mm, X-Y translation range 120x80 mm (as optional). Metallic interchangeable inserts for slides, Petri dishes, Terasaki, multi-Well plates (as optional). Product Dimensions Height (mm) 495 Width (mm) 230 Depth (mm) 540		Allen wrench	Yes
LBD filter Yes User Manual Digital version (downloadable) Additional Information Mechanical stage dimension 250x230 mm, X-Y translation range 120x80 mm (as optional). Metallic interchangeable inserts for slides, Petri dishes, Terasaki, multi-Well plates (as optional). Product Dimensions Height (mm) 495 Width (mm) 230 Depth (mm) 540		Centering telescope	Yes
User Manual Digital version (downloadable) Additional Information Mechanical stage dimension 250x230 mm, X-Y translation range 120x80 mm (as optional). Metallic interchangeable inserts for slides, Petri dishes, Terasaki, multi-Well plates (as optional). Product Dimensions Height (mm) 495 Width (mm) 230 Depth (mm) 540		Green filter	Yes
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Product Dimensions Height (mm) 495 Width (mm) 230 Depth (mm) 540			
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Width (mm) 230 Depth (mm) 540	Product Dimensions	Height (mm)	495
Depth (mm) 540	riouver Dimensions		
Product Weight (kg) 10.5			0.00
	Droduct Maight		10.5
	Froduct weight	[\^ δ/	10.3

Fluorescence	Number of positions	3
Attachment		Excitation: 25 mm diam.;
	Filter dimensions	Dichroic: 36 mm x 25 mm;
		Emission: 25 mm diam.
	Number of LED Cubes	2
	BLUE LED Cube (Optional)	LED Emission: 460 nm.
		Excitation: 455 - 495 nm;
		Dichroic: 500 nm;
		Emission: 510LP nm
	BLUE BANDPASS LED Cube (Optional)	
	GREEN LED Cube (Optional)	LED Emission: 523 nm.
		Excitation: 510 - 550 nm;
		Dichroic: 570 nm;
		Emission: 575LP nm
	Filter set selection	Manual
	LED source insertion	Manual
	** If the use of a camera is needed, please or	der it

by specifying with "AR GLASS" in order to observe above 650nm

Fluoresce Sou

ence Light		LED Fluorescence Cube
ource	Light source power (W)	3.5
	LED wavelength	see LED Fluorescence Cube specs
	Lifetime (hours)	> 65,000
	Brightness control	Yes