

B203-TR Biological Microscope with Digital Camera

Product Description

This biological microscope with digital camera provide the power range from 40X to 1000X. The biological compound microscope features an optical system for simultaneously observing images through eyepieces and an adjustable trinocular port. This trinocular microscopy is good for teaching, clinical examination and research purpose.



Product Features

Adjustable WF10X/18mm with scale 0.1mm is available.

Trinocular head with 48mm-75mm adjustable interpupillary distance

Four finity Plan objectives provide 40X-1000X magnification



The trinocular tube can easy add a digital camera

This camera includes a CD with software and driver

Capturing microscope images, recording live video, measuring lengths, angles, areas, editing images



Product Parameters

----- Digital Camera

Product names	USB2.0 CMOS 5MP
active pixels	2952×1944
Pixel Size	2.2um×2.2um
Camera lens	C/CS lens
SENSOR	1/2.5" COLOUR CMOS
Spectrum Range	400nm~1100nm
Sensitive	1.4V/Lux-sec@500nm
Scan Mode	line scan
Exposal Mode	ERS (Electronic rolling snap)
transfer speed	8fps
White Balance	Auto/Manual
AutoExposal Control	Auto/Manual
Output	USB2.0,480Mb/s
Electrical Source	USB2.0 power supply
Dynamic Range	70dB
WorkTemperature	-30℃~70℃

Microscope Parameters

Items	Specification	B203LED
Eyepiece	WF 10x-18 mm	●●
	WF 10x-18 mm(adjustable, 0.1 mm)	○
Achromatic Objective	4x	●
	10x	●
	40x(S)	●
	100x/1.25 (Oil) (S)	●
	20x	○
	60x (S)	○
Seidentopf Trinocular Head	Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm, Light Distribution 20:80	●
Nosepiece	Quadplex	●
Focusing Knobs	Coaxial Coarse and Fine Focusing Knobs Travel Range: 22mm, Scale: 2μm	●
Mechanical Stage	Stage Size: 125mm×115mm, Travel: 35mm×75mm	●
Condenser	Abbe N.A. 1.25(Iris Diaphragm)	●
Dark Field Ring	Available For 4x-40x Objective	○
Polarizing Attachment	Analyzer / Polarizer	○
Mirror	Plano-concave mirror	○
C-mount	1x/ 0.5x (Focus Adjustable)	
Base	3WLED Illumination Systems	●
	3WLED Illumination Systems (rechargeable)	○
	12V 20W Halogen Lamp, Wide Voltage: 100V-240V	○

Note: "●" Is Standard outfits, "○" Is Optional Accessories.