



Trinocular stereozoom microscope,  
6.7x...45x, pillar stand, transmitted & double  
arm incident light

Observation Method - Transmitted Light	Brightfield	Yes
	Darkfield	As optional
	Simple polarized light	As optional
Observation Method - Incident Light	Brightfield	Yes
	Simple polarized light	As optional
Head	Type	Trinocular
	Construction material	Plastic mold / Aluminum gears
	Split ratio	Fixed. 70 (eyepiece) / 30 (photo)
	Inclination	45°
	360° rotating	Yes
	Interpupillary distance (mm)	51-75
	Fixing screw for eyepieces	Yes
	Head holder internal diameter (mm)	76
	Tube inner diameter (mm)	30
Eyepieces	Field number (mm)	23
	Magnification	10x
	Planar type	Yes
	Micrometric scale	As optional
	Diameter of micrometer glass (mm)	26
	High eyepoint (for glass wearers)	Yes
	Dioptric adjustment	Yes
	Rubber cup	Yes
	Retractable protections	Yes
Objective	Optical system	Greenough
	Anti-fungus treatment	Yes
	Zoom type	Parfocal achromatic
	Working distance (mm)	110
	Standard magnifications	6.7x-45x
	Zoom ratio	6.72
	Zoom click stops	At 0.67x, 0.8x, 1x, 1.2x, 1.5x, 2x, 2.5x, 3x, 3.5x, 4x, 4.5x
Focusing System	Type	Coarse
	Coarse total travel (mm)	50
	Adjustable tension	Yes
	Head holder internal diameter (mm)	76
Stand	Type	Pillar
	Pillar diameter (mm)	32
Stage	White diffusion plate for transmitted ill.	Yes, diameter 100 mm
	Black/white contrast plate for incident ill.	Yes, diameter 100 mm
	Specimen clips	Yes

Transmitted Illumination	Type	X-LED
	X-LED type	X-LEDT3
	Light source power (W)	4
	Illuminance (lux)	8,000
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	5
Incident Illumination	Type	X-LED
	X-LED type	X-LED3 (double arm)
	Light source power (W)	7.2
	Illuminance (lux)	170,000
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	9.6
Power Supply for Illumination	Type	External
	Microscope connector	Jack, 2.1 mm
	Power plug type	Multi-plug (EU, UK, US)
	Input voltage	100/240 Vac, 50/60 Hz
	Output voltage	12 Vdc 1.5 A
Accessories Included	Dust cover	Yes
	User Manual	Digital version (downloadable)
Additional Information	Maximum sample height (mm):	110
Product Dimensions	Total height (mm)	315
	Head height (mm)	240
	Head width (mm)	167
	Head depth (mm)	200
	Base height (mm)	30
	Base width (mm)	210
	Base depth (mm)	270
Product Weight	(kg)	4.5



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