



*Binocular stereozoom microscope,  
6.7x...45x, pillar stand, transmitted &  
incident light*

<b>Observation Method - Transmitted Light</b>	Brightfield	Yes
	Darkfield	As optional
	Simple polarized light	As optional
<b>Observation Method - Incident Light</b>	Brightfield	Yes
	Simple polarized light	As optional
<b>Head</b>	Type	Binocular
	Construction material	Plastic mold / Aluminum gears
	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
<b>Eyepieces</b>	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
<b>Objective</b>	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
	<b>Focusing System</b>	Type
Coarse total travel (mm)		50
Adjustable tension		Yes
Head holder internal diameter (mm)		76
<b>Stand</b>	Type	Pillar
	Pillar diameter (mm)	32
<b>Stage</b>	White diffusion plate for transmitted ill.	Yes
	Black/white contrast plate for incident ill.	Yes
	Specimen clips	Yes

<b>Transmitted Illumination</b>	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

<b>Incident Illumination</b>	Type	X-LED
	X-LED type	X-LED3
	Light source power (W)	3.6
	Illuminance (lux)	60,000
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	6

<b>Power Supply for Illumination</b>	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

<b>Accessories Included</b>	Dust cover	Yes
	User Manual	Digital version (downloadable)

<b>Additional Information</b>	Maximum sample height (mm):	110
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<b>Product Dimensions</b>	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

<b>Product Weight</b>	(kg)	4.2
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