



*Binocular stereozoom microscope,  
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
	Dioptric adjustment	On both tubes
	Fixing screw for eyepieces	Yes
	Head holder internal diameter (mm)	76
	Tube inner diameter (mm)	30
<b>Eyepieces</b>	Field number (mm)	21
	Magnification	10x
	Micrometric scale	As optional
	Diameter of micrometer glass (mm)	23
	High eyepoint (for glass wearers)	Yes
	Rubber cup	Yes
<b>Objective</b>	Optical system	Greenough
	Anti-fungus treatment	Yes
	Zoom type	Parfocal achromatic
	Working distance (mm)	100
	Standard magnifications	7x-45x
	Zoom ratio	6.43
<b>Focusing System</b>	Type	Coarse
	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, diameter 100 mm
	Black/white contrast plate for incident ill.	Yes, diameter 100 mm
	Specimen clips	Yes
<b>Transmitted Illumination</b>	Type	X-LED
	X-LED type	X-LEDT1
	Light source power (W)	2
	Illuminance (lux)	4,000
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	3

<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	6 Vdc 2.5 A

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

<b>Additional Information</b>	Maximum sample height (mm):	150
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<b>Product Dimensions</b>	Total height (mm)	315
	Head height (mm)	230
	Head width (mm)	175
	Head depth (mm)	175
	Base height (mm)	30
	Base width (mm)	210
	Base depth (mm)	270

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