



*Binocular stereozoom microscope,  
7x...45x*

<b>Observation Method - Transmitted Light</b>	Brightfield	Yes
<b>Observation Method - Incident Light</b>	Brightfield	Yes
<b>Head</b>	Type	Binocular
	Construction material	Aluminum & Plastic molds / Aluminum gears
	Inclination	45°
	360° rotating	Yes
	Interpupillary distance (mm)	51-75
	Dioptric adjustment	On both tubes
	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
	Retractable protections	Yes
<b>Objective</b>	Optical system	Greenough
	Anti-fungus treatment	Yes
	Objective Type	Achromatic
	Zoom type	Parfocal achromatic
	Working distance (mm)	100
	Standard magnifications	7x-45x
	Zoom ratio	6.43
	Objective numerical aperture	0.02 @ 0.7x 0.07 @ 4.5x
	Objective resolution	59 lp/mm @ 0.7x 208 lp/mm @ 4.5x
<b>Focusing System</b>	Type	Coarse
	Coarse total travel (mm)	110
	Adjustable tension	Yes
	Head holder internal diameter (mm)	76
<b>Stand</b>	Type	Fixed arm
	Handle	Yes
<b>Stage</b>	White diffusion plate for transmitted ill.	Yes, diameter 100 mm
	Black/white contrast plate for incident ill.	As optional
	Specimen clips	Yes
<b>Transmitted Illumination</b>	Type	EcoLED
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300

<b>Incident Illumination</b>	Type	EcoLED
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
<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	5 Vdc 500 mA
	LED indicator	Yes
	Rechargeable batteries	Yes
	Battery type	Ni-MH (3x, AA size)
	Working time of batteries (hours)	up to 8
Charging time of batteries (hours)	8	
<b>Accessories Included</b>	Dust cover	Yes
	User Manual	Digital version (downloadable)
<b>Additional Information</b>	Maximum sample height (mm):	100
<b>Product Dimensions</b>	Total height (mm)	365
	Head height (mm)	230
	Head width (mm)	140
	Head depth (mm)	150
	Base height (mm)	30
	Base width (mm)	205
	Base depth (mm)	280
<b>Product Weight</b>	(kg)	3.5