



Binocular stereomicroscope, 20x-40x

Observation Method - Transmitted Light	Brightfield	Yes
Observation Method - Incident Light	Brightfield	Yes
Head	Type	Binocular
	Construction material	Aluminum & Plastic molds / Aluminum gears
	Inclination	45°
	360° rotating	Yes
	Interpupillary distance (mm)	45-71
	Diopter adjustment	On left tube
	Head holder internal diameter (mm)	76
	Tube inner diameter (mm)	30
Eyepieces	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
Objective	Optical system	Greenough
	Anti-fungus treatment	Yes
	Objective Type	Achromatic
	Working distance (mm)	100
	Standard magnifications	20x, 40x (rotating turret)
	Objective numerical aperture	0.05 @ 2x lens 0.065 @ 4x lens
	Objective resolution	74 lp/mm @ 2x lens 96 lp/mm @ 4x lens
Focusing System	Type	Coarse
	Coarse total travel (mm)	110
	Adjustable tension	Yes
	Head holder internal diameter (mm)	76

Stand	Type	Fixed arm
	Handle	Yes
Stage	White diffusion plate for transmitted ill.	Yes, diameter 100 mm
	Black/white contrast plate for incident ill.	As optional
	Specimen clips	Yes
Transmitted Illumination	Type	EcoLED
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
Incident Illumination	Type	EcoLED
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
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	5 Vdc 500 mA
	LED indicator	Yes
	Rechargeable batteries	Yes
	Battery type	Ni-MH (3x, AA size), 1.2V
	Working time of batteries (hours)	up to 8
Charging time of batteries (hours)	8	
Accessories Included	Dust cover	Yes
	User Manual	Digital version (downloadable)
Additional Information	Maximum sample height (mm):	80
Product Dimensions	Total height (mm)	365
	Head height (mm)	195
	Head width (mm)	130
	Head depth (mm)	140
	Base height (mm)	30
	Base width (mm)	205
	Base depth (mm)	280
Product Weight	(kg)	3,4