

Stereomicroscope, with fixed arm, 20x-40x, touch panel, with rechargeable battery

Main Body	Type	Stereo
	Construction material	Aluminum die-cast + Plastic
	Optical system	Finite 160 mm
	Optics with anti-fungus treatment	Yes
	Zoom type	Rotating turret
	Working distance (mm)	76
Head	Type	Binocular
	Construction	Siedentopf
	Inclination	45°
	Rotation	360°
	Fixing screw for eyepieces	Yes
	Diopter adjustment	On both tubes
	Diopter compensation	±5
	Interpupillary distance (mm)	53-75
	Tube inner diameter (mm)	30.5
Eyepieces	Magnification	10x
	Field number (mm)	20
	Micrometric scale	Optional
	Diameter of micrometer glass (mm)	22
	Rubber cup	Yes
Objective	Type	ACH
	Correction	Achromatic
	Optical system	Greenough
	Standard magnifications	20x, 40x (rotating turret)
	Objective resolution	19 lp/mm @ 2x lens 24 lp/mm @ 4x lens
Stand	Type	Fixed arm
Stage	Specimen clips	Yes
	Frosted diffusion plate for transmitted ill.	Yes, diam. 60 mm
	Black/white contrast plate for incident ill.	Yes, diam. 60 mm
Focusing System	Type	Coarse
	Focus modes	Coarse
	Coarse total travel (mm)	37
	Adjustable tension	Yes
Observation Method - Transmitted Light	Brightfield	Yes

Observation Method - Incident Light	Brightfield	Yes

Transmitted Illumination	Type	LED
	Light source power (W)	1
	Brightness control	Touch Panel
	Color temperature (K)	5,500
	Lifetime (hours)	> 65,000
	Max. required power (W)	1,5

Incident Illumination	Type	LED
	Light source power (W)	1
	Brightness control	Touch Panel
	Lifetime (hours)	> 65,000
	Temperature (K)	5,500
	Max. required power (W)	1,5

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 2.5 A
	Use with batteries	Yes, not supplied
	Battery type	Ni-MH (3x, AA size), 1.2V, 1300mAh
	Working time of batteries (hours)	up to 8
	Charging time of batteries (hours)	8

Accessories Included	Dust cover	Yes
	Tension adjustment tool	Yes
	User Manual	Digital version (downloadable)

Product Dimensions	Total height (mm)	325
	Total width (mm)	180
	Total depth (mm)	205
	Base height (mm)	45
	Base width (mm)	180
	Base depth (mm)	205

Product Weight	(kg)	1.9