



*Stereomicroscope, with pillar stand, 20x-40x, with rechargeable battery*

<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°
	Interpupillary distance (mm)	53-75
	Diopter adjustment	On both tubes
	Fixing screw for eyepieces	Yes
	Tube inner diameter (mm)	30.5
<b>Eyepieces</b>	Field number (mm)	20
	Magnification	10x
	Micrometric scale	As optional
	Diameter of micrometer glass (mm)	20
	Rubber cup	Yes
<b>Objective</b>	Optical system	Greenough
	Anti-fungus treatment	Yes
	Objective Type	Achromatic
	Working distance (mm)	57
	Standard magnifications	20x, 40x (rotating turret)
	Objective resolution	19 lp/mm @ 2x lens 24 lp/mm @ 4x lens
<b>Focusing System</b>	Type	Coarse
	Coarse total travel (mm)	37
	Adjustable tension	Yes
<b>Stand</b>	Type	Pillar
	Pillar diameter (mm)	14
	Frosted diffusion plate for transmitted ill.	Yes, diameter 60 mm
	Black/white contrast plate for incident ill.	Yes, diameter 60 mm
	Specimen clips	Yes

<b>Transmitted Illumination</b>	Type	LED
	Light source power (W)	1
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	1,5
<b>Incident Illumination</b>	Type	LED
	Light source power (W)	1
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	1,5
<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 2,5A
	LED indicator	Yes
	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
<b>Accessories Included</b>	Dust cover	Yes
	Tension adjustment tool	Yes
	User Manual	Digital version (downloadable)
<b>Additional Information</b>	Maximum sample height (mm):	75
<b>Product Dimensions</b>	Total height (mm)	288
	Base height (mm)	45
	Base width (mm)	183
	Base depth (mm)	205
<b>Product Weight</b>	(kg)	1,8