Monocular microscope, 400x, achromatic objectives

Observation Method - Transmitted Light	Brightfield	Yes
	Simple polarized light	As optional
Main Body	Type	Upright
	Construction material	Aluminum die-cast
	Trasportation handle	Yes
Head	Type	Monocular
	Inclination	45°
	360° rotating	Yes
	Fixing screw for eyepieces	Yes
	Tube inner diameter (mm)	23
Eyepieces	Field number (mm)	18
	Magnification	10x
	Pointer	As optional
	Micrometric scale	As optional
Nosepiece	Positions	Quadruple
	Reversed	Yes
	Bi-directional	Yes
	Rotation on ball bearings	Yes
	Objective thread	RMS
Objectives	Optical system	160
	Anti-fungus treatment	Yes
	Parfocal distance (mm)	35
	Standard magnifications	40x-400x
	Type	Achromatic
		4x/0.10, W.D. 10.6 mm
		10x/0.25, W.D. 7.0 mm
		40x/0.65, W.D. 0.5 mm
Stage	Type	Double layer
	Dimensions (mm)	125x125
	Moving mechanism	Rack and pinion
	Moving range (mm)	62x24
	Material	Anti-scratch painting
	Specimen holder	Yes
	Slide number	1
	X-Y Vernier scale	Yes
	Vernier scale accuracy (mm)	0.1
Condenser - Single Position	Type	Abbe
	Numerical aperture (N.A.)	1.25
	Diaphragms	Iris
	Focusable	By rotation
Focusing System	Type	Coaxial coarse & fine
	Coarse total travel (mm)	23
	Fine total travel (per single rotation) (mm)	1.2
	Fine graduations	100
	Fine resolution (µm)	12
	Upper stop to prevent contact	Yes

Transmitted Illumination	Type	LED
	Light source power (W)	1
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	1.5

Power Supply for Transmitted 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
	Rechargeable batteries	Yes
	Battery type	Ni-MH (3x, AAA size)
	Working time of batteries (hours)	4
	Charging time of batteries (hours)	8

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

Product Dimensions	Height (mm)	330
	Width (mm)	135
	Depth (mm)	235

Product Weight	(kg)	2.7

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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.