



*Monocular microscope, 400x,
achromatic objectives*

Observation Method - Transmitted Light	Brightfield	Yes
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	Triple
	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)	105x95
	Moving mechanism	Rack and pinion
	Moving range (mm)	50x15
	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	Fixed
	Numerical aperture (N.A.)	0.65
	Diaphragm	Iris
Focusing System	Type	Coaxial coarse & fine
	Focus modes	Coarse & fine
	Coarse total travel (mm)	16
	Fine graduations	100
	Fine total travel (per single rotation) (mm)	1,2
	Fine resolution (μm)	12
	Upper stop to prevent contact	Yes
Transmitted Illumination	Type	LED
	Light source power (W)	0.5
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	1
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), 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)
Product Dimensions	Height (mm)	340
	Width (mm)	140
	Depth (mm)	182
Product Weight	(kg)	1,9