

*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
	Transportation 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
	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

Transmitted Illumination	Type	LED
	X-LED type	No
	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