



*Monocular microscope, 600x,  
HC objectives, with Automatic Light Control*

<b>Observation Method - Transmitted Light</b>	Brightfield	Yes	
	Simple polarized light	As optional	
<b>Main Body</b>	Type	Upright	
	Construction material	Aluminum die-cast	
<b>Head</b>	Type	Monocular	
	Inclination	30°	
	360° rotating	Yes	
	Fixing screw for eyepieces	Yes	
	Tube inner diameter (mm)	23	
<b>Eyepieces</b>	Field number (mm)	18	
	Magnification	10x	
	High eyepoint (for glass wearers)	Yes	
	Pointer	As optional	
	Micrometric scale	As optional	
	Diameter of micrometer glass (mm)	20	
<b>Nosepiece</b>	Positions	Quadruple	
	Bi-directional	Yes	
	Rotation on ball bearings	Yes	
	Objective thread	RMS	
<b>Objectives</b>	Optical system	160	
	Anti-fungus treatment	Yes	
	Parfocal distance (mm)	45	
	Standard magnifications	40x-600x	
	Type	HC	
	Objectives included	4x/0.10, W.D. 18 mm	
		10x/0.25, W.D. 7 mm	
40x/0.65, W.D. 0.53 mm			
60x/0.85, W.D. 0.45 mm			
<b>Stage</b>	Type	Double layer	
	Dimensions (mm)	125x116	
	Moving mechanism	Rack and pinion	
	Moving range (mm)	70x30	
	Material	Anti-scratch painting	
	Specimen holder	Yes	
	Slide number	1	
	X-Y Vernier scale	Yes	
	Vernier scale accuracy (mm)	0.1	
<b>Condenser - Single Position</b>	Type	Abbe	
	Numerical aperture (N.A.)	1.25	
	Diaphragms	Iris	
	Centrable	Pre-centered	

	Focusable	By rotation
<b>Focusing System</b>	Type	Coaxial coarse & fine
	Coarse total travel (mm)	16
	Fine total travel (per single rotation) (mm)	0.4
	Fine graduations	100
	Fine resolution ( $\mu\text{m}$ )	4
	Upper stop to prevent contact	Yes
	Adjustable tension	Yes
<b>Transmitted Illumination</b>	Type	X-LED
	X-LED type	X-LED1
	Light source power (W)	1
	Brightness control	Manual & Automatic (ALC)
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	1.5
<b>Power Supply for Transmitted 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 500 mA
<b>Accessories Included</b>	Dust cover	Yes
	Tension adjustment tool	Yes
	User Manual	Digital version (downloadable)
<b>Additional Information</b>		Mirror for transmitted light (as optional)
<b>Product Dimensions</b>	Height (mm)	350
	Width (mm)	170
	Depth (mm)	320
<b>Product Weight</b>	(kg)	4



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