



All-in-one videomicroscope with integrated HDMI camera

Observation Method - Incident Light	Brightfield	Yes
Head	Construction material	Plastic mold / Aluminum gears
Objective	Anti-fungus treatment	Yes
	Zoom type	Parfocal achromatic
	Working distance (mm)	110
	Standard magnifications	16.8x-120x
	Zoom ratio	7,14
	Zoom click stops	At 0.7x, 1x, 1.5x, 2x, 3x, 4x, 5x
Focusing System	Type	Coarse
	Coarse total travel (mm)	225
	Adjustable tension	Yes
Stand	Type	Fixed arm
	Pillar height (mm)	390
Incident Illumination	X-LED type	LED
	Light source power (W)	3.6
	Illuminance (lux)	7,000
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	5500
	Max. required power (W)	6
Power Supply for Illumination	Type	External
	Microscope connector	Jack, 2.1 mm
	Power plug type	Multi-plug (EU, UK, US)
	Input voltage	110/240 Vac, 50/60 Hz
	Output voltage	12 Vdc 1.5 A

Accessories Included	Dust cover	Yes
	Additional lens	0.5x - 1.4x
	Allen wrench	Yes
	User Manual	Digital version (downloadable)
	HDMI cable (m)	0,3
	Wireless mouse	Yes

Additional Information	Maximum sample height (mm):	110
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Product Dimensions	Base height (mm)	25
	Base width (mm)	320
	Base depth (mm)	260

Product Weight	(kg)	4.6
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Digital Head	Resolution (MP)	4
	Sensor type	CMOS
	Sensor size	1/3"
	Image output	HDMI
	Sensor aspect ratio	16/9
	Full image size	2688x1520
	Pixel size (µm)	1.67x1.67
	Frame rate	30 fps (2688x1520)
	External connection	HDMI + USB
	Storage	16GB SD CARD
	System requirements	Android

HDMI Monitor	Display size	11.5"
	Display resolution	1920x1080
	Power plug type	Multi-plug (EU, UK, US)
	Input voltage	110/240 Vac, 50/60 Hz
	Output voltage	12 Vdc 1.5 A
	Input ports	HDMI