



CMO stereomicroscope, 7.5x-135x, Zoom ratio 18:1, multi-plug

Observation Method - Transmitted Light	Brightfield	Yes
	Diascopic illumination	Yes, with darkfield and oblique illumination (OIC)
Head	Type	Trinocular
	Construction material	Plastic mold / Aluminum gears
	Split ratio	100/0 - 0/100 (on right tube)
	Inclination	20°
	Interpupillary distance (mm)	52-112
	Tube inner diameter (mm)	30
Eyepieces	Field number (mm)	23
	Magnification	10x
	Planar type	Yes
	Micrometric scale	As optional
	Diameter of micrometer glass (mm)	26
	High eyepoint (for glass wearers)	Yes
	Dioptric adjustment	Yes
	Rubber cup	Yes
Objective	Optical system	Galilean (Infinity corrected)
	Anti-fungus treatment	Yes
	Objective Type	PLAN Apochromatic 1x, N.A. 0.15
	Zoom type	Parfocal achromatic
	Working distance (mm)	60
	Standard magnifications	7.5x-135x
	Zoom ratio	18
	Zoom click stops	At 0.75x, 1x, 2x, 3x, 6x, 10x, 13.5x
	Objective numerical aperture	0.15
	Objective resolution	57 lp/mm @ 0.75x 406 lp/mm @ 13.5x
	Aperture diaphragm	Yes
Focusing System	Type	Coaxial coarse & fine
	Coarse total travel (mm)	125
	Fine total travel (per single rotation) (mm)	2

Stand	Type	Fixed arm
Stage	Glass transparent plate for transmitted ill.	Yes, diameter 180 mm
Transmitted Illumination	Type	LED
	Darkfield illuminator	Yes, with OIC lever for oblique and darkfield illumination
	Lever for dark background insertion	Yes
	Light source power (W)	2
	Illuminance (lux)	40,000
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	6
Power Supply for Illumination	Type	External
	Microscope connector	Jack, 2.1 mm
	Input voltage	110/240 Vac, 50/60 Hz
	Output voltage	12 Vdc 1.5 A
Accessories Included	Dust cover	Yes
	Allen wrench	Yes
	User Manual	Digital version (downloadable)
Additional Information	Maximum sample height (mm):	60
Product Dimensions	Total height (mm)	490
	Total width (mm)	320
	Total depth (mm)	370
	Base height (mm)	35
	Base width (mm)	320
	Base depth (mm)	370
Product Weight	(kg)	12,5