



Trinocular stereozoom microscope,
7x...45x

Observation Method - Transmitted Light	Brightfield	Yes
--	-------------	-----

Observation Method - Incident Light	Brightfield	Yes
-------------------------------------	-------------	-----

Head	Type	Trinocular
	Construction material	Aluminum & Plastic molds / Aluminum gears
	Split ratio	Fixed. 50 (eyepiece) / 50 (photo)
	Inclination	45°
	360° rotating	Yes
	Interpupillary distance (mm)	51-75
	Diopter adjustment	On both tubes
	Head holder internal diameter (mm)	76
	Tube inner diameter (mm)	30

Eyepieces	Field number (mm)	21
	Magnification	10x
	Micrometric scale	As optional
	Diameter of micrometer glass (mm)	23
	High eyepoint (for glass wearers)	Yes
	Rubber cup	Yes
	Retractable protections	Yes

Objective	Optical system	Greenough
	Anti-fungus treatment	Yes
	Objective Type	Achromatic
	Zoom type	Parfocal achromatic
	Working distance (mm)	100
	Standard magnifications	7x-45x
	Zoom ratio	6,43
	Objective numerical aperture	0.02 @ 0.67x 0.07 @ 4.5x
	Objective resolution	60 lp/mm @ 0.67x 240 lp/mm @ 4.5x

Focusing System	Type	Coarse
	Coarse total travel (mm)	110
	Adjustable tension	Yes
	Head holder internal diameter (mm)	76
Stand	Type	Fixed arm
	Handle	Yes
Stage	White diffusion plate for transmitted ill.	Yes, diameter 100 mm
	Black/white contrast plate for incident ill.	As optional
	Specimen clips	Yes
Transmitted Illumination	Type	EcoLED
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
Incident Illumination	Type	EcoLED
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
Power Supply for 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
	LED indicator	Yes
	Rechargeable batteries	Yes
	Battery type	Ni-MH (3x, AA 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)
Additional Information	Maximum sample height (mm):	100
Product Dimensions	Total height (mm)	365
	Head height (mm)	230
	Head width (mm)	140
	Head depth (mm)	150
	Base height (mm)	30
	Base width (mm)	205
	Base depth (mm)	280
Product Weight	(kg)	3,6