Product information

VWR® Binocular brightfield microscope BL214PL

EU cat. no 630-3292



Observation Method - Transmitted Light	Brightfield	Yes
	Simple polarized light	As optional
Main Body	Type	Upright
	Construction material	Aluminum die-cast
	Trasportation handle	Yes
Head	Type	Binocular (Siedentopf)
	Inclination	30°
	360° rotating	Yes
	Interpupillary distance (mm)	48-75
	Dioptric adjustment	On left tube
	Fixing screw for eyepieces	Yes
	Tube inner diameter (mm)	23
Eyepieces	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
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)	45
	Standard magnifications	40x-600x
	Type	N-PLAN
	Objectives included	4x/0.10, W.D. 15.2 mm
		10x/0.25, W.D. 5.5 mm
		40x/0.65, W.D. 0.45 mm
		60x/0.85, W.D. 0.45 mm
Stage	Type	Double layer
	Dimensions (mm)	125x115
	Moving mechanism	Rack and pinion
	Moving range (mm)	70x30
	Material	Anti-scratch painting
	Specimen holder	Yes
	Slide number	1
	X-Y movement	Yes
	X-Y Vernier scale	Yes
	Vernier scale accuracy (mm)	0.1
Condenser - Single Position	Type	Abbe
	Numerical aperture (N.A.)	1.25
	Centrable	Pre-centered
	Focusable	By rotation
Focusing System	Type	Coaxial coarse & fine
	Coarse total travel (mm)	18
	Fine total travel (per single rotation) (mm)	0,4

	Fine graduations	100
	Fine resolution (µm)	4
	Maximum sample height (mm)	No
	Upper stop to prevent contact	Yes
	Adjustable tension	Yes
Transmitted Illumination	Type	X-LED
	X-LED type	X-LED2
	Light source power (W)	3
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	6
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	6 Vdc 2.5 A
Accessories Included	Dust cover	Yes
	Immersion oil (10ml)	Yes
	Tension adjustment tool	Yes
	User Manual	Digital version (downloadable)
Additional Information		External rechargeable battery pack (as optional).
Product Dimensions	Height (mm)	370
	Width (mm)	235
	Depth (mm)	320
Product Weight	(kg)	6,5