

OPTIKA

M I C R O S C O P E S
I T A L Y



Microscopio Monocular
LED Campo Claro
Modelo: B-155ALC

ESPECIFICACIONES:

- **Modo de observación:** Campo claro.
- **Cabezal:** Monocular, inclinado 30°; giratorio 360°.
- **Ocular:** WF10x/18 mm, fijado por tornillo.
- **Revólver:** Revólver giratorio con cuatro rodamientos de bolas.

Objetivos:

- Acromático de alto contraste 4x/0,10, con tratamiento antifúngico
- Acromático de alto contraste 10x/0,25, con tratamiento antifúngico
- Acromático de alto contraste 40x/0,65, con tratamiento antifúngico
- Acromático de alto contraste 100x/1,25 (aceite/agua), con tratamiento antifúngico.
- **Platina:** Platina mecánica, 125x116mm, rango de movimiento XY de 70×30 mm. Escala Vernier en los dos ejes, precisión: 0,1 mm.
- **Enfoque:** Mecanismo coaxial de enfoque grueso y fino con tope para evitar el contacto entre el objetivo y la muestra. Tensión ajustable del mando de enfoque grueso.
- **Condensador:** Abbe NA 1.25, precentrado, enfocable, con diafragma iris.
- **Iluminación:** X-LED 1 con LED blanco de 1 W y control de intensidad de luz.
- **Temperatura de color:** 6300 K. Con ALC (Control Automático de Luz). Fuente de alimentación externa multiconector de 100-240 V CA/5 V CC.

Observation Method - Transmitted Light	Brightfield	Yes
	Simple polarized light	As optional
Main Body	Type	Upright
	Construction material	Aluminum die-cast
Head	Type	Monocular
	Inclination	."/
	360° rotating	Yes
	Fixing screw for eyepieces	Yes
	Tube inner diameter (mm)	!
Eyepieces	Field number (mm)	#6
	Magnification	#"2
	High eyepoint (for glass wearers)	Yes
	Pointer	As optional
	Micrometric scale	As optional
	Diameter of micrometer glass (mm)	!"
Nosepiece	Positions	Quadruple
	Bi-directional	Yes
	Rotation on ball bearings	Yes
	Objective thread	RMS
Objectives	Optical system	#0"
	Anti-fungus treatment	Yes
	Parfocal distance (mm)	;<
	Standard magnifications	40x-1000x
	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		
100x/1.25 (Oil/Water), W.D. 0.13 mm		
Stage	Type	Double layer
	Dimensions (mm)	#!<2##0
	Moving mechanism	Rack and pinion
	Moving range (mm)	@"2."
	Material	Anti-scratch painting
	Specimen holder	Yes
	Slide number	#
	X-Y Vernier scale	Yes
	Vernier scale accuracy (mm)	0.1

Condenser - Single Position	Type	Abbe
	Numerical aperture (N.A.)	1.25
	Diaphragms	Iris
	Centrable	Pre-centered
	Focusable	By rotation

Focusing System	Type	Coaxial coarse & fine
	Coarse total travel (mm)	#0
	Fine total travel (per single rotation) (mm)	"> ;
	Fine graduations	#""
	Fine resolution (µm)	;
	Upper stop to prevent contact	Yes
	Adjustable tension	Yes

	Type	X-LED
	X-LED type	X-LED1
	Light source power (W)	#
	Brightness control	Manual & Automatic (ALC)
	Lifetime (hours)	> 65,000
	Temperature (K)	0> .""
	Max. required power (W)	#><

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	5 Vdc 500 mA

Accessories Included	Dust cover	Yes
	Immersion oil (10ml)	Yes
	Tension adjustment tool	Yes
	User Manual	Digital version (downloadable)

Additional Information		Mirror for transmitted light (as optional)
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Product Dimensions	Height (mm)	.<"
	Width (mm)	#@"
	Depth (mm)	.!"

Product Weight	(kg)	;
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