



RED100 Series

RED130 (4X, 10X, 40X)





RED LINE - RED100 Series

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Optical System	Finite optical system, 160mm
Observation Tube	Monocular head
Inclination	45° inclined, 360° rotating
Eyeieces	Widefield WF10X/18mm with pointer, lockable
Nosepiece	Reversed quadruple
Objective classification	EA Achromatic, DIN
Objectives	4X/0.10 (WD 27mm), 10X/0.25 (WD 5mm), 40X/0.65/S (WD 0.3mm)
Objective mounting thread	W 4/5" x 1/36" (RMS standard)
Stand type	Upright
Stage	Mechanical stage with built-in low position coaxial stage control and sample holder
Stage size	120 x 120mm
Travel range X&Y	77 x 25mm
Condenser	Spiral mounted Abbe condenser N.A. 1.25
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system
Fine focus precision	2µm
Focusing stroke	7mm
Upper limit stop	Preset and adjustable
Filter	Built-in frosted glass
Illumination	LED 20mA, 3.5V, 70mW with intensity control
Transformer	External
Power supply	Charger 100-240V or rechargeable batteries
Accessories included	Dust cover, charger and batteries
Length X Width X Height	234 x 152 x 334mm
Weight	4,7Kg