



RED120

The RED-100 Series represents the ideal microscope line for primary, secondary and high school students, it is ideal to explore the world of microscopy. The integrated mechanical stage allows the sample to be moved accurately in the X and Y direction.

Model	RED120
Optical System	Finite optical system, 160mm
Observation Tube	Monocular head
Inclination	45° inclined, 360° rotating
Eyepiece	WF10X/18mm with pointer, lockable
Nosepiece	Reversed quadruple revolving nosepiece with click stops
Objective classification	EA Achromatic, DIN
Objectives	4X/0.10, 10X/0.25, 40X/0.65/S, 100X/1.25/S-Oil
Objective mounting thread	W 4/5" x 1/36" (RMS standard)
Stage	Built-in low position coaxial mechanical stage with sample holder
Stage size	120mm x 120mm
Mechanical stage X&Y range	77 x 25mm
Upper limit stop	Preset and adjustable
Condenser	Spiral mounted 1.25 N.A. Abbe condenser with iris diaphragm
Focus mechanism	Separated coarse and fine focusing system with tension adjustment
Fine focus precision	2µm minimum increment
Z-axis movement	7mm
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, immersion oil (5ml), charger and batteries
Length X Width X Height	234 x 152 x 334mm
Weight	4,7Kg