



RED101

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 sample is easily placed by using the “one-touch” sample clips. The gliding stage allows the students to gradually move the specimen in different directions.

Model	RED101
Optical System	Finite optical system, 160mm
Observation Tube	Dual view monocular head
Inclination	45° inclined and vertical, 360° rotating
Eyepieces	WF10X/18mm with pointer, lockable
Nosepiece	Reversed triple revolving nosepiece with click stops
Objective classification	EA Achromatic, DIN
Objectives	4X/0.10, 10X/0.25, 40X/0.65/S
Objective mounting thread	W 4/5" x 1/36" (RMS standard)
Stage	Gliding stage with “one-touch” sample clips
Stage size	110mm x 110mm
Upper limit stop	Preset and adjustable
Condenser	Built-in 0.65 N.A. condenser with iris diaphragm
Focus mechanism	Separated coarse and fine focusing system with tension adjustment
Fine focus precision	2µm minimum increment
Z-axis movement	13mm
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 360mm
Weight	4,7Kg