



# RED100

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.

<b>Model</b>	RED100
<b>Optical System</b>	Finite optical system, 160mm
<b>Observation Tube</b>	Monocular
<b>Inclination</b>	45° inclined, 360° rotating
<b>Eyepiece</b>	WF10X/18mm with pointer, lockable
<b>Nosepiece</b>	Reversed triple revolving nosepiece with click stops
<b>Objective classification</b>	EA Achromatic, DIN
<b>Objectives</b>	4X/0.10, 10X/0.25, 40X/0.65/S
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Gliding stage with “one-touch” sample clips
<b>Stage size</b>	110mm x 110mm
<b>Upper limit stop</b>	Preset and adjustable
<b>Condenser</b>	Built-in 0.65 N.A. condenser with iris diaphragm
<b>Focus mechanism</b>	Separated coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	2µm minimum increment
<b>Z-axis movement</b>	13mm
<b>Filter</b>	Built-in frosted glass
<b>Illumination</b>	LED 20mA, 3.5V, 70mW with intensity control
<b>Transformer</b>	External
<b>Power supply</b>	Charger 100-240V or rechargeable batteries
<b>Accessories included</b>	Dust cover, charger and batteries
<b>Length X Width X Height</b>	234 x 152 x 334mm
<b>Weight</b>	4,7Kg