



# RED130

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.

<b>Model</b>	RED130
<b>Optical System</b>	Finite optical system, 160mm
<b>Observation Tube</b>	Monocular head
<b>Inclination</b>	45° inclined, 360° rotating
<b>Eyepiece</b>	WF10X/18mm with pointer, lockable
<b>Nosepiece</b>	Reversed quadruple 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, 100X/1.25/S-Oil
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Built-in low position coaxial mechanical stage with sample holder
<b>Stage size</b>	120mm x 120mm
<b>Mechanical stage X&amp;Y range</b>	77 x 25mm
<b>Upper limit stop</b>	Preset and adjustable
<b>Condenser</b>	Spiral mounted 1.25 N.A. Abbe condenser with iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system
<b>Fine focus precision</b>	2µm minimum increment
<b>Z-axis movement</b>	7mm
<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, immersion oil (5ml), charger and batteries
<b>Length X Width X Height</b>	234 x 152 x 334mm
<b>Weight</b>	4,7Kg