



# RED230

The RED-200 Series is designed for advanced biology students, teachers, doctors and lab technicians. Every aspect of these microscopes contributes to make your daily work easier. The ergonomical shape of the stand and the comfortability of the different heads, enables fatigue-free viewing for many hours.

<b>Model</b>	RED230
<b>Optical System</b>	Finite optical system, 160mm
<b>Observation Tube</b>	Binocular head Siedentopf type
<b>Inclination</b>	30° inclined and vertical, 360° rotating
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On left tube , +/- 5 diopter
<b>Eyepiece</b>	WF10X/20mm
<b>Nosepiece</b>	Reversed quadruple revolving nosepiece with click stops
<b>Objective classification</b>	ASC Achromatic Super Contrast, DIN
<b>Objectives</b>	4X/0.10 (WD 17mm), 10X/0.25 (WD 6.4mm) 40X/0.65/S (WD 0.45mm), 100X/1.25/S (WD 0.14mm)
<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>	140mm x 135mm
<b>Mechanical stage X&amp;Y range</b>	77 x 50mm
<b>Upper limit stop</b>	Preset and adjustable
<b>Condenser</b>	Focusable and centerable 1.25 N.A. Abbe condenser with iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	2µm minimum increment
<b>Z-axis movement</b>	19mm
<b>Filter</b>	Built-in frosted glass
<b>Illumination</b>	LED 3W Koehler illumination with intensity control
<b>Transformer</b>	Internal
<b>Power supply</b>	220V
<b>Accessories included</b>	Dust cover and immersion oil (5ml)
<b>Length X Width X Height</b>	260 x 175 x 354mm
<b>Weight</b>	5,7Kg