

RED200 Series

# RED220 (4X, 10X, 40X, 60X)



Please note that the optical configuration of this specific model may differ from the objectives shown in the images.



RED LINE - RED200 Series

**RED220 (4X, 10X, 40X, 60X)**

<b>Optical system</b>	Finite optical system, 160mm
<b>Observation tube</b>	Binocular head, Siedentopf type
<b>Inclination</b>	30° inclined, 360° rotating
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On left tube, +/- 5 diopter
<b>Eyepieces</b>	Widefield WF10X/20mm
<b>Nosepiece</b>	Reversed quadruple
<b>Objective classification</b>	SP Semi-Plan Achromatic, DIN
<b>Objectives</b>	4X/0.10 (WD 17mm), 10X/0.25 (WD 6.4mm), 40X/0.65/S (WD 0.45mm), 60X/0.85/S (WD 0.1mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage with built-in low position coaxial stage control and sample holder
<b>Stage size</b>	140x135mm
<b>Travel range X&amp;Y</b>	77x50mm
<b>Condenser</b>	Spiral mounted Abbe condenser N.A. 1.25
<b>Diaphragm</b>	Iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	2µm
<b>Focusing stroke</b>	13mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter</b>	Built-in frosted glass
<b>Transmitted illumination</b>	LED 3W with intensity control
<b>Transformer</b>	Internal
<b>Power supply</b>	220V (CE)
<b>Accessories included</b>	Dust cover
<b>Dimensions LxWxH</b>	260x175x354mm
<b>Net weight</b>	5.7kg