



Specification
Sheet

Motic®
MORE THAN MICROSCOPY

RED200 Series

RED223





RED LINE - RED200 Series

RED223

Optical system	Finite optical system, 160mm
Observation tube	Trinocular head, Siedentopf type
Inclination	30° inclined, 360° rotating
Trinocular light split	Fixed 50:50
Interpupillary distance	55-75mm
Diopter adjustment	On left tube, +/- 5 diopter
Eyepieces	Widefield WF10X/20mm
Nosepiece	Reversed quadruple
Objective classification	SP Semi-Plan Achromatic, DIN
Objectives	4X/0.10 (WD 17mm), 10X/0.25 (WD 6.4mm), 40X/0.65/S (WD 0.45mm), 100X/1.25/S-Oil (WD 0.14mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Mechanical stage with built-in low position coaxial stage control and sample holder
Stage size	140x135mm
Travel range X&Y	77x50mm
Condenser	Spiral mounted Abbe condenser N.A. 1.25
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	13mm
Upper limit stop	Upper limit stop preset but adjustable
Filter	Built-in frosted glass
Transmitted illumination	LED 3W with intensity control
Transformer	Internal
Power supply	220V (CE)
Accessories included	Dust cover, immersion oil (5ml), 0.5X c-mount adapter
Dimensions LxWxH	260x175x354mm
Net weight	5.7kg