



Specification
Sheet

Motic®
MORE THAN MICROSCOPY

RED100 Series

RED132 (4X, 10X, 40X)





RED LINE - RED100 Series

RED132 (4X, 10X, 40X)

Optical system	Finite optical system, 160mm
Observation tube	Binocular head, Siedentopf type
Inclination	30° inclined, 360° rotating
Interpupillary distance	55-75mm
Diopter adjustment	On left tube, +/- 5 diopter
Eyepieces	Widefield WF10X/18mm with pointer, lockable
Nosepiece	Reversed quadruple
Objective classification	EA Achromatic, DIN
Objectives	4X/0.10 (WD 27mm), 10X/0.25 (WD 5mm), 40X/0.65/S (WD 0.3mm)
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	120x120mm
Travel range X&Y	77x25mm
Condenser	Spiral mounted Abbe condenser N.A. 1.25
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system
Fine focus precision	2µm
Focusing stroke	7mm
Upper limit stop	Upper limit stop preset but adjustable
Filter	Built-in frosted glass
Transmitted illumination	LED 3.5V/70mW with intensity control
Transformer	External
Power supply	Charger 100-240V or rechargeable batteries (CE)
Accessories included	Dust cover, charger, batteries
Dimensions LxWxH	234x152x334mm
Net weight	4.7kg