Specification
Sheet

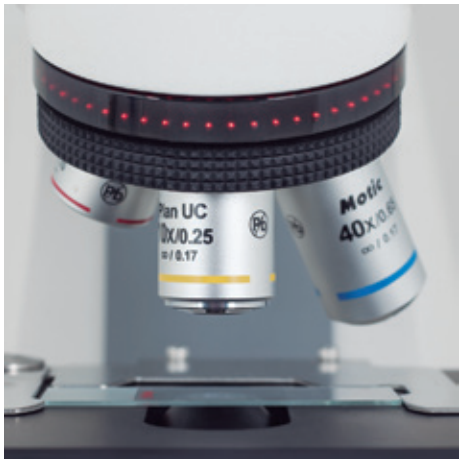
Motic®
MORE THAN MICROSCOPY

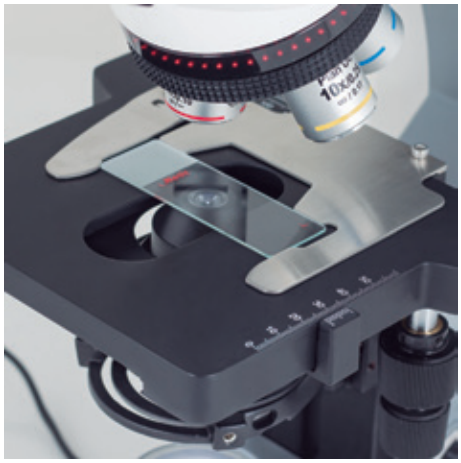
PANTHERA E Series

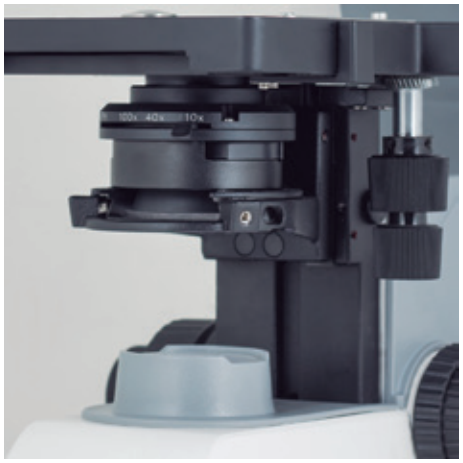
PANTHERA E2 Binocular

(without 100X)









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PANTHERA E Series

PANTHERA E2 Binocular
(without 100X)

Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, Siedentopf type, 360° swiveling
Inclination	25° inclined, 360° rotating (storage saving), 360° swivelling
Interpupillary distance	48-75mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield UC-WF10X/20mm with diopter adjustment
Nosepiece	Reversed quadruple
Objective classification	CCIS® UC Plan Achromatic (Pb free)
Objectives	4X/0.10 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Mechanical stage with built-in low position rackless coaxial stage control and sample holder
Stage size	140x135mm
Travel range X&Y	75x40mm
Condenser	Focusable and centerable Abbe condenser N.A. 0.90/1.25 with slot for contrast sliders
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	25mm
Upper limit stop	Upper limit stop preset but adjustable
Filter holder	On top of the illuminator
Transmitted illumination	Fixed Koehler LED 1W with intensity control
Illumination features	Nosepiece LED light intensity indicator
Transformer	Internal
Power supply	110-240V (CE), USB 2.0 for battery pack
Other features	USB 2.0 for external camera power
Accessories included	Dust cover, power cord, Allen key
Dimensions LxWxH	282x210x395mm
Net weight	7.5kg