Specification
Sheet

Motic®
MORE THAN MICROSCOPY

BA210 Series

BA210 LED Digital









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BA210 Series

BA210 LED Digital

Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, Siedentopf type with Built-in digital camera
Sensor type	CMOS
Sensor size	1/2"
Capture resolution	3MP
Live display mode through USB	2048x1536 pixels
Data transfer	USB 2.0
Inclination	30° inclined, 360° rotating
Interpupillary distance	55-75mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield N-WF10X/20mm with diopter adjustment
Nosepiece	Reversed quadruple
Objective classification	CCIS® EC Plan Achromatic, DIN
Objectives	4X/0.10 (WD 15.9mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.5mm), 100X/1.25/S-Oil (WD 0.15mm)
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	76x50mm
Condenser	Focusable Abbe condenser N.A. 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	20mm
Upper limit stop	Upper limit stop preset but adjustable
Filter holder	On top of the illuminator with fixing cap
Transmitted illumination	LED 3W with intensity control
Software	Motic Images Plus 3.0 for Windows, OSX and Linux
Transformer	Internal
Power supply	100-240V (CE)
Accessories included	Dust cover, power cord, Allen key, Immersion oil (5ml), spare fuse, cord hanger, thumb screw, calibration slide, USB cable
Dimensions LxWxH	360x190x395mm
Net weight	7.2kg