



BA210E Binocular

The BA210E is designed for both educational and teaching environments from basic life sciences to medical applications. Through the Motic Infinity Optics (CCIS®), the BA210E delivers a new higher level of performance in education and training. Contrast methods like Phase Contrast, Polarization and Darkfield are easily performed by using optional accessories.

Cat No. 1100100402592

Model	BA210E Binocular
Optical System	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, Siedentopf type
Interpupillary distance	55-75mm
Inclination	30° inclined, 360° rotating
Eyepieces	N-WF10X/20mm with diopter adjustment, +/- 5 diopter
Nosepiece	Reversed quadruple revolving nosepiece
Objective classification	Infinity Corrected CCIS EC Plan Achromatic DIN 45mm
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" x 1/36" (RMS standard)
Stage	Built-in low position coaxial mechanical stage with sample holder
Stage size	150x150mm
Mechanical stage X&Y range	80x30mm
Upper limit stop	Upper limit stop preset but adjustable
Condenser	Focusable Abbe Condenser N.A. 1.25 with iris diaphragm and slot for contrast sliders
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine Focus precision	2 µm minimum increment
Z-axis movement	20mm
Filter holder	On top of the illuminator with fixing cap
Illumination	Interchangeable 6V/30W Quartz Halogen or 3W LED illumination with intensity control
Transformer	Internal
Power supply	100-240V (CE)
Accessories included	Blue filter, plano-concave mirror attachment, pair eye shades, pair of tube caps, immersion oil, lens cleaning kit, 2 spare halogen bulbs, 2 spare fuses, power cord and dust cover.
Dimensions	360x220x395mm
Weight	7.2kg

Add a Moticam camera to capture, document, annotate and share images and videos with the Motic Images Plus 2.0 software.