



# BA210E Trinocular

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.

<b>Model</b>	BA210E Trinocular
<b>Optical System</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Trinocular head, Siedentopf type
<b>Interpupillary distance</b>	55-75mm
<b>Trinocular light split</b>	100:0/20:80
<b>Inclination</b>	30° inclined, 360° rotating
<b>Eyepieces</b>	N-WF10X/20mm with diopter adjustment, +/- 5 diopter
<b>Nosepiece</b>	Reversed quadruple revolving nosepiece
<b>Objective classification</b>	Infinity Corrected CCIS EC Plan Achromatic DIN 45mm
<b>Objectives</b>	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)
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Built-in low position coaxial mechanical stage with sample holder
<b>Stage size</b>	150x150mm
<b>Mechanical stage X&amp;Y range</b>	80x30mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Condenser</b>	Focusable Abbe Condenser N.A. 1.25 with iris diaphragm and slot for contrast sliders
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine Focus precision</b>	2 µm minimum increment
<b>Z-axis movement</b>	20mm
<b>Filter holder</b>	On top of the illuminator with fixing cap
<b>Illumination</b>	Interchangeable 6V/30W Quartz Halogen or 3W LED illumination with intensity control
<b>Transformer</b>	Internal
<b>Power supply</b>	100-240V (CE)
<b>Accessories included</b>	Blue filter, immersion oil 5ml, power cord, cord hanger, dustcover, allen key, thumb screw and spare fuse
<b>Dimensions</b>	360x220x398mm
<b>Weight</b>	7,2kg