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BA310E Binocular

The BA310E is designed for the rigors of daily routine work in the demanding applications of Universities, Clinics, Laboratories and any other life science or medical application requiring quality optical performance. This model´s full Koehler configuration provides maximum illumination quality for even the most demanding samples. Additional contrast methods and discussion devices, ensure this model will offer long term functionality to all user levels.

Model	BA310E Binocular
Optical System	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, 360° Swiveling
Interpupillary distance	48-75mm
Inclination	30° inclined, 360° rotating
Eyepieces	N-WF10X/20mm with diopter adjustment, +/- 5 diopter
Nosepiece	Reversed quintuple 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 mechnical stage with tension adjustment and sample holder
Stage size	180X170mm
Mechanical stage X&Y range	80X55mm
Upper limit stop	Upper limit stop preset but adjustable
Condenser	Focusable Abbe Condenser N.A. 0.90/1.25 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 Koehler illumination with intensity control
Transformer	Internal
Power supply	100-240V (CE)
Accessories included	Blue filter, immersion oil 5ml, power cord, cord hanger, dustcover, allen key, thumb screw and spare fuse
Dimensions	400x220x400mm
Weight	8,6kg

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