



Specification
Sheet

Motic®
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BA310 Series

BA310 LED TRINOCULAR PHASE





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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Trinocular head, Siedentopf type, 360° swiveling
Inclination	30° inclined, 360° rotating
Trinocular light split	100:0/20:80 (optional 100:0/0:100)
Interpupillary distance	48-75mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield N-WF10X/20mm with diopter adjustment
Nosepiece	Reversed quintuple
Objective classification	CCIS® EC Plan Achromatic, DIN
Objectives	4X/0.10 (WD 15.9mm), PH 10X/0.25 (WD 17.4mm), PH 40X/0.65/S (WD 0.5mm), PH 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 with tension adjustment and 2-sample holder
Stage size	175x140mm
Travel range X&Y	76x50mm
Condenser	Phase contrast 5 position turret condenser N.A. 0.90 (BF, DF, Ph1, Ph2, Ph3)
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
Transmitted illumination	Koehler LED 3W with intensity control
Transformer	Internal
Power supply	100-240V (CE)
Accessories included	Dust cover, power cord, Allen key, Immersion oil (5ml), spare fuse, cord hanger, thumb screw, Phase centering telescope
Dimensions LxWxH	400x220x400mm
Net weight	8.6kg