



Specification
Sheet

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BA410E Series

BA410E TRINOCULAR LED FLUORESCENCE (50W)





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BA410E TRINOCULAR LED-FLUORESCENCE (50W)

Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Trinocular head, Siedentopf type
Inclination	30° inclined, 360° rotating
Trinocular light split	100:0/20:80 (optional 100:0/0:100)
Interpupillary distance	50-75mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield N-WF10X/22mm with diopter adjustment
Intermediate body	Epi-Fluorescence attachment with 4 position fluorescence filter cassette
Nosepiece	Reversed sextuple
Objective classification	CCIS® EC-H 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 rackless coaxial stage control, ceramic insert and sample holder
Stage size	180x170mm
Travel range X&Y	80x55mm
Condenser	Focusable and centerable Swing-out Abbe condenser N.A. 0.90/0.13
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	1µm
Focusing stroke	27mm
Upper limit stop	Upper limit stop preset but adjustable
Filter holder	On top of the illuminator with fixing cap
Incident illumination	LUMOS High-power LED FL light source
Transmitted illumination	Köhler Quartz halogen 12V/50W with intensity control
Illumination interchangeability	Quartz halogen 12V/50W or LED 3W (LED module not included)
Illumination features	Auto-OFF and Light Memory function. External lamphouse.
Transformer	Internal
Power supply	100-240V (CE)
Other features	(*) Fluorescence filter sets not included
Accessories included	Dust cover, power cord, Allen key, immersion oil (5ml), blue filter, spare fuse, arm rest
Dimensions LxWxH	550x242x435mm
Net weight	18.2kg
Notes	Transport and storage case