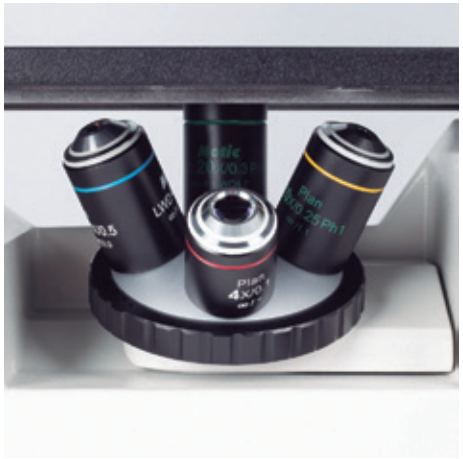
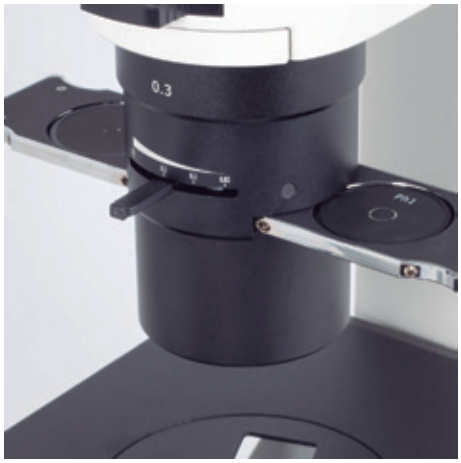
Specification
Sheet

Motic®
MORE THAN MICROSCOPY

AE2000 Series

AE2000 BINOCULAR





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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, Siedentopf type, 360° swiveling
Inclination	45° inclined
Interpupillary distance	48-75mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield N-WF10X/20mm with diopter adjustment
Nosepiece	Left side facing quadruple
Objective classification	CCIS® Plan Achromatic, DIN
Objectives	4X/0.10 (WD 12.6mm), PH10X/0.25 (WD 4.1mm), LWD PH20X/0.30 (WD 4.7mm), LWD 40X/0.50 (WD 3.0mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Inverted
Stage	Plain stage with metal and glass stage inserts
Stage size	200x239mm
Condenser	ELWD condenser N.A. 0.30 (WD = 72mm) with filter holder
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	8mm
Free working distance	Working distance without condenser 184mm
Transmitted illumination	Quartz Halogen 6V/30W with intensity control
Illumination interchangeability	Quartz Halogen 6V/30W or LED 3W
Illumination features	Auto on/off
Transformer	External
Power supply	100-240V (CE)
Accessories included	Dust cover, power cord, blue, green and neutral density filters, phase ring Ph1, centering telescope, centering keys
Dimensions LxWxH	556x218x496mm
Net weight	12.2kg