



AE2000 Binocular

The AE2000 inverted microscope is the ideal instrument for routine live cell inspection. Superb optical quality can be expected from a brand new optical series of both brightfield and phase contrast lenses, following Motic's CCIS® Infinity optical system. Uniquely integrated features like the Auto cut-off mode and the optional available LED module are increasing its performance and flexibility.

Model	AE2000 Binocular
Optical System	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, 360° Swiveling
Interpupillary distance	48-75mm
Inclination	45° inclined
Eyepieces	N-WF10X/20mm with diopter adjustment, +/- 5 diopter
Nosepiece	Quadruple revolving nosepiece, left side orientated
Objective classification	Infinity Corrected CCIS Plan Achromat, 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" x 1/36" (RMS standard)
Stage	Plain stage with metal and glass stage inserts
Stage size	200X239mm
Condenser	ELWD condenser N.A. 0.30 (WD = 72mm), with diaphragm and filter holder
Free Working Distance	Working distance without condenser 184mm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine Focus precision	2 µm minimum increment
Z-axis movement	8mm
Illumination	6V/30W Quartz Halogen or 3W LED illumination with intensity control
Transformer	External
Power supply	100-240V (CE)
Accessories included	Blue, green and neutral density filter, phase ring Ph1, centering telescope, centering keys and dust cover
Dimensions	556x218x496mm
Weight	12,2kg