



## 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.

<b>Model</b>	AE2000 Binocular
<b>Optical System</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Binocular head, 360° Swiveling
<b>Interpupillary distance</b>	48-75mm
<b>Inclination</b>	45° inclined
<b>Eyepieces</b>	N-WF10X/20mm with diopter adjustment, +/- 5 diopter
<b>Nosepiece</b>	Quadruple revolving nosepiece, left side orientated
<b>Objective classification</b>	Infinity Corrected CCIS Plan Achromat, DIN
<b>Objectives</b>	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)
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Plain stage with metal and glass stage inserts
<b>Stage size</b>	200X239mm
<b>Condenser</b>	ELWD condenser N.A. 0.30 (WD = 72mm), with diaphragm and filter holder
<b>Free Working Distance</b>	Working distance without condenser 184mm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine Focus precision</b>	2 µm minimum increment
<b>Z-axis movement</b>	8mm
<b>Illumination</b>	6V/30W Quartz Halogen or 3W LED illumination with intensity control
<b>Transformer</b>	External
<b>Power supply</b>	100-240V (CE)
<b>Accessories included</b>	Blue, green and neutral density filter, phase ring Ph1, centering telescope, centering keys and dust cover
<b>Dimensions</b>	556x218x496mm
<b>Weight</b>	12,2kg