

Motic AE2000 Inverted Microscopes

Motic®

Designed for routine lab or clinical work on live cell inspection, the AE2000 comes with a Binocular or Trinocular stand. With a surprisingly small footprint, Motic's AE2000 fits easily into every laboratory even when space is limited. A robust design and solid manufacturing ensure a long working life time. Easy reach of both focusing and illumination controls guarantee comfortable operation for many hours.

- **Eye-piece tubes:** allow a 360° swivelling movement as well as a flexible adjustment of the interpupillary distance between 48 and 75mm. The "Butterfly mode" increases the viewing height by 40mm, designed with a comfortable viewing angle of 45°, all AE2000 eye-piece tubes offer a 20mm field of view (FOV 20)
- **Objectives:** plan achromatic lenses within the CCIS infinity optical concept, covers the following magnifications for bright field and phase contrast: 4x, 10x, 20x and 40x, the 4x phase objective enables fast overview and screening examinations
- **Stage:** the convenient low positioned stage for optimised viewer posture and easy access has a new hard coated surface for easy cleaning; standard packages contain a glass stage insert as well as a new metal insert, an optional mechanical stage can be supplied with inserts for most common cell culture vessels, and standard glass slides
- **Illumination:** standard packages come with a 6V/30W halogen illumination, but can be converted to LED by a simple replacement of the halogen bulb by a small LED module; as a new safety precaution Motic has implemented a "sleep mode" where an IR-sensor detects when a user is in front of the microscope, if it is left for more than 15 minutes the microscope automatically turns off
- **AE2000 binocular:** binocular head Siedentopf type 45° inclined, 360° swivelling widefield high eyepoint eyepieces N-WF 10x/20mm with diopter adjustment and rubber eyecups, side facing quadruple nosepiece, CCIS plan achromatic objectives PL4x, LWD PL40x, CCIS plan achromatic phase objectives PL Ph10x, LWD PL Ph20x, ELWD condenser N.A.0.30, phase slider Ph1, BF, phase centring telescope, plain stage with metal and glass stage inserts, halogen illumination 6V/30W with intensity control and sleeping mode, 45mm blue, green interference and neutral density filters with filter slider, Allen hexagonal key, vinyl dust cover and power cord. Power supply 100 – 240V (CE)
- **AE2000 trinocular:** same specifications as AE2000 binocular but with trinocular head Siedentopf type 45° inclined, 360° swivelling (light split = 20:80)



Code	Alt Ref	Description	Price
MIC2842	1100103800043	AE2000 binocular	£2819.00
MIC2852	1100103800054	AE2000 trinocular	£3245.00

Accessories and Spares

Code	Alt Ref	Description	Price
MIC2864	1101001703281	CCIS plan phase objective PL Ph4x/0.10 (WD=12.6mm) Ph0	£154.00
MIC2866	1101000201641	Phase ring Ph0	£37.80
MIC2870	1101000201551	LWD condenser N.A. 0.40 (WD=53mm)	£582.00
MIC2872	1101000200011	Attachable mechanical stage with well plate holder (128 x 86mm)	£750.00
MIC2874	1101000200272	Ø 35mm Petri dish holder (for MIC2878)	£68.00
MIC2876	1101000200282	Ø 54mm Petri dish holder	£68.00
MIC2878	1101000200262	Ø 65mm Petri dish holder	£68.00
MIC2922	1101001901791	0.5X C mount camera adapter for 1/2" chip sensors	£168.00
MIC2924	1101001901781	0.65X C-mount camera adapter for 2/3" chip sensors	£168.00
MIC2886	1101000201562	LED module 6V/3W 4500°K +/-300°K	£95.00
MIC2888	1101000201561	LED module 6V/3W 6000°K ±300°K	£95.00
MIC2890	1101002400452	Quartz halogen lamp 6V/30W	£22.10
MIC2972	1101000200292	Haemocytometer holder	£82.00