



Motic AE31 Elite Inverted Microscopes

Motic®

The AE31 Elite is a professional inverted microscope providing high image quality, ergonomic design and advanced illumination features. The AE31E is the ideal platform for routine microbiology applications in clinical, pharmaceutical laboratories and university research environments. In full accordance with Motic's CCIS® infinity system, LWD plan achromatic objectives with an intelligent phase contrast concept deliver a high quality image. The AE31E stand carries an encoded 5 fold nosepiece with a light memory function. The illumination intensity for each objective position is memorised and replicated once the respective objective is swung in again. Rich illumination power is provided by the 30W halogen light source in a full Koehler configuration, interchangeable with 3W LED modules of different colour temperatures. Easily upgradeable to an EPI-fluorescence microscope by using the fluorescence attachment which can carry up to 3 filter cubes. A complete range of filter cubes is available, covering all routine applications from UV up to NIR. The Auto ON/OFF function, based on a built in IR sensor, deactivates the microscope in case it is left on by the user.

AE31E: choice of binocular/trinocular Siedentopf type head; colour corrected infinity optical system [CCIS®]; 48 – 75mm interpupillary distance; eyepieces: WF10x/22mm with diopter adjustment, ±5 diopter; objective classification: infinity corrected CCIS plan achromat, DIN; objectives: 4x/0.10 (WD 23.5mm), PH10x/0.25 (WD 7.5mm), LWD PH20x/0.40 (WD 7.0mm), LWD PH40x/0.50 (WD 3.0mm); stage size: 200 x 239mm; illumination: external lamphouse, 6V/30W quartz halogen or 3W LED Koehler illumination with intensity control. Standard configuration supplied with, blue, green interference and ground glass filters, phase ring Ph1, centering telescope, centering keys, spare fuse and dust cover.

Code	Alt Ref	Description	Price
MIC2892	1100100200565	AE31E binocular	£3959.00
MIC2894	1100100200576	AE31E trinocular	£3800.00

Accessories

Code	Alt Ref	Description	Price
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
MIC2972	1101000200292	Haemocytometer holder	£82.00
MIC2888	1101000201561	LED module 6V/3W 6000°K ±300°K	£95.00
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

KEY

Throughout the catalogue the following symbols are used:



New product



Service and repairs available



Calibration service available



Made in Britain



Sustainable features



Autoclavable



No. years warranty



No. years warranty can be extended



Lifetime warranty