

## Motic BA410 Elite Series Microscopes

**Motic®**

The BA410 Elite is Motic's brand new approach for a professional research microscope with best image quality options. Universities and laboratories with applications in haematology, cytology, histology and pathology will look for this flexible microscope platform with a superb performance in optics and mechanics.

- Eyepiece tubes: viewing angle of 30°, 22mm, field of view with interpupillary distance adjustable between 50 – 75mm
- Eyepieces: infinity corrected CCIS® optics with a field flatness up to 22mm and the high eye point ensure true colour and sharp images and minimise eye fatigue and strain
- Objectives: new class of EC-H PL optics for bright field and phase contrast incorporate multi-layer coated glass for enhanced contrast and spherical aberration correction to significantly improve field flatness and improve resolution
- Stage: new rackless low position coaxial mechanical stage with sample holder and ceramic insert, mechanical travel range from 80 x 55 mm
- Light features: auto off and light memory function (illumination intensity for each objective position is memorised and replicated once the respective objective is swung in again)
- Illumination: externally mounted lamphouse, 12V/50W quartz halogen Kohler illumination with intensity control, a 12V/100W Koehler system is also available
- Phase contrast and darkfield: options include a slider solution or a turret condenser for more advanced phase contrast demands
- Polarisation: polarisation can be achieved using 2 slots in the upper part of the stand which can accommodate a rotatable analyser, retardation plate (first order red compensator) and a polariser placed on top of the transmitted illuminator
- Fluorescence: easily upgradeable to an epi-fluorescence microscope by using the fluorescence attachment which can carry up to 4 filter cubes, a complete range of filter cubes is available, covering all routine applications from UV up to NIR



Code	Alt Ref	Description	Price
<b>MIC1578</b>	1100100402972	BA410E binocular sextuple 50W	£3350.00
<b>MIC1580</b>	1100100402982	BA410E trinocular sextuple 50W	£3553.00
<b>MIC1582</b>	1100100403071	BA410E trinocular sextuple 100W	£4057.00

### Accessories

Code	Alt Ref	Description	Price
<b>MIC2970</b>	1101000300836	Phase centring telescope	£132.00
<b>MIC5830</b>	1101000300741	Simple add on polariser	£38.90
<b>MIC1584</b>	1101001900791	Analyser slider with rotating mount (360°)	£117.00
<b>MIC5462</b>	1101001702941	CCIS plan achromatic objective EC-H PL 2x/0.05 (WD=7.2mm)	£292.00
<b>MIC5463</b>	1101001401791	CCIS plan achromatic objective EC-H PL 20x/0.45 (WD=0.9mm)	£176.00
<b>MIC2940</b>	1101001903141	Phase contrast 5 position (BF, DF, PH1, PH2, PH3) turret condenser	£468.00
<b>MIC2942</b>	1101001702911	CCIS plan achromatic phase objective EC-H PL Ph 10x/0.25 (WD=17.4mm)	£192.00
<b>MIC2944</b>	1101001702921	CCIS plan achromatic phase objective EC-H PL Ph 20x/0.45 (WD=0.9mm)	£227.00
<b>MIC2946</b>	1101001702931	CCIS plan achromatic phase objective EC-H PL Ph 40x/0.65/S (WD=0.5mm)	£372.00
<b>MIC2948</b>	1101001402441	CCIS plan achromatic phase objective EC-H PL Ph 100x/1.25/S-Oil (WD=0.15mm)	£548.00