



# BA410E Trinocular 50W

The Elite version of Motic's established BA410 flagship model displays the highest level of optical performance. The BA410E allows a profound diagnosis in pathology, haematology and cytology with their requirements for best colour fidelity. Increased Numerical Apertures provide an expanded resolution power for a more detailed specimen evaluation.

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|---------------------------------------|--|
| <b>Model</b>                          | BA410 Elite Trinocular 50W   |
| <b>Optical System</b>                 | Colour Corrected Infinity Optical System (CCIS®)   |
| <b>Observation tube</b>               | Trinocular head, Siedentopf type   |
| <b>Interpupillary distance</b>        | 50-75mm  |
| <b>Trinocular light split</b>         | 100:0/20:80 (optional 100:0/0:100 or 100:0/0:100/20:80)  |
| <b>Inclination</b>                    | 30° inclined, 360° rotating  |
| <b>Eyepieces</b>                      | N-WF10X/22mm with diopter adjustment, +/- 5 diopter  |
| <b>Nosepiece</b>                      | Reversed sextuple revolving nosepiece  |
| <b>Objective classification</b>       | Infinity Corrected CCIS EC-H Plan Achromat, DIN  |
| <b>Objectives</b>                     | 4X/0.10 (WD 15.9mm), 10X/0.25 (WD 17.4mm),<br>40X/0.65/S (WD 0.5mm), 100X/1.25/S-Oil (WD 0.15mm) |
| <b>Objective mounting thread</b>      | W 4/5" x 1/36" (RMS standard)  |
| <b>Stage</b>                          | Rackless low position coaxial mechanical stage with sample holder, ceramic insert                |
| <b>Stage size</b>                     | 180x170mm  |
| <b>Mechanical stage X&amp;Y range</b> | 80x55mm  |
| <b>Upper limit stop</b>               | Upper limit stop preset but adjustable   |
| <b>Condenser</b>                      | Swing-out Abbe Condenser N.A. 0.90 with iris diaphragm   |
| <b>Focus mechanism</b>                | Coaxial coarse and fine focusing system with tension adjustment                                  |
| <b>Fine Focus precision</b>           | 1 µm minimum increment   |
| <b>Z-axis movement</b>                | 27mm   |
| <b>Filter holder</b>                  | On top of the illuminator with fixing cap  |
| <b>Illumination</b>                   | Externally mounted lamphouse, 12V/50W Quartz Halogen Koehler illumination with intensity control |
| <b>Light features</b>                 | Auto-OFF and Light Memory function   |
| <b>Transformer</b>                    | Internal   |
| <b>Power supply</b>                   | 100-240V (CE)  |
| <b>Accessories included</b>           | Blue filter, immersion oil 5ml, arm rest, power cord, dust cover, allen key and spare fuse       |
| <b>Dimensions</b>                     | 550x242x435mm  |
| <b>Weight</b>                         | 14,2KG   |