



## BA81B MS w/100X CORDED

The Motic BA80 Series of microscopes is a complete range of biological microscopes designed for teaching environments. All microscopes have a complete metal construction, precision mechanics, high quality optics which are made out of 100% glass and bright white LED illumination.

<b>Model</b>	BA81B MS w/100X Corded
<b>Optical System</b>	Finite optical system, 160mm
<b>Observation Tube</b>	Binocular Siedentopf type head
<b>Inclination</b>	30° inclined, 360° rotating
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On left tube , +/- 5 diopter
<b>Eyepieces</b>	WF10X/18mm with pointer
<b>Nosepiece</b>	Reversed quadruple revolving nosepiece with click stops
<b>Objective classification</b>	EA Achromatic, DIN
<b>Objectives</b>	4X/0.10, 10X/0.25, 40X/0.65/S, 100X/1.25/S-Oil
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Built-in low position coaxial mechanical stage with sample holder
<b>Stage size</b>	120mm x 120mm
<b>Mechanical stage X&amp;Y range</b>	77 x 26mm
<b>Upper limit stop</b>	Preset and adjustable
<b>Condenser</b>	Spiral mounted 1.25 N.A. Abbe condenser with iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system
<b>Fine focus precision</b>	2µm minimum increment
<b>Z-axis movement</b>	14mm
<b>Filter</b>	Built-in frosted glass
<b>Illumination</b>	LED 20mA, 3.5V, 70mW with intensity control
<b>Transformer</b>	Internal
<b>Power supply</b>	220V
<b>Accessories included</b>	Dust cover, immersion oil (5ml)
<b>Length X Width X Height</b>	180x 220 x 344mm
<b>Weight</b>	4,6Kg