

## MOTIC B1220 ELITE BINOCULAR MICROSCOPE

145-170



### PRODUCT DESCRIPTION

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**The Motic B1 Series provides users with a sturdy and solid base for professional microscopy and offers optical clarity and reliability.**

With ASC Achromatic Super Contrast objective lenses, it delivers an extra contrast level compared to the standard achromatic versions. This, combined with the precision coaxial coarse and fine focusing adjustment puts the B1-220E SP amongst the very best whilst still being reasonably priced.

2017 sees the introduction of the upgraded B1 Elite series, which includes changes to the entry-level objectives, which now start at Motic's new semi-plan configuration. The illumination has been changed to powerful true 3W LED in order to provide enough light to brightfield, contrast and darkfield applications, all whilst keeping the system cool and well illuminated with steady colour-temperature

#### Key Features:

- Binocular head, inclined 45 and 360 rotating
- Widefield eyepieces WF10X / 20mm
- Quadruple revolving nosepiece
- Semi-Planachromatic objectives 4x, 10x, 40x, 100x
- Coaxial coarse and fine focusing system with tension adjustment
- Built-in low position coaxial rackless mechanical stage with sample holder
- Built-in low position coaxial mechanical stage
- Focusable 1.25 N.A. Abbe condenser with iris diaphragm
- 3W LED Illumination
- Power Supply: 110-240V
- Includes dust cover and immersion oil

**Specifications:**

- Optical System: Finite Optical System 160mm
- Observation Tube: Binocular, Sliding Type
- Interpupillary Distance: 55-75mm
- Diopter Adjustment: WF10X/18mm
- Inclination: 30 inclined, 360 rotating
- Eyepiece(s): WF 10X / 18 mm
- Nosepiece Quadruple revolving nosepiece with click stops
- Objective Classification: Semi-Planachromatic SP, DIN
- Objective Information: 4x, 10x, 40x, 100x
- Objective mounting thread: W 4/5" x 1/36" (RMS standard)
- Stage: Built-in low position coaxial rackless mechanical stage with sample holder
- Stage Size: 140 x 135mm
- Focus Mechanism: Coaxial coarse and fine focusing system with tension adjustment
- Fine Focus Precision: 2um minimum increment
- Illumination: 3W LED illumination with intensity control
- Power Supply: 110-240V
- Accessories included: Dust cover and immersion oil

**ADDITIONAL INFORMATION**

<b>Animal</b>	N/A
<b>SKU</b>	145-170
<b>Overall Product Dimensions (mm)</b>	245L X 190W X 380H
<b>Brand</b>	Motic
<b>Lens System</b>	Binocular
<b>Bulb Type</b>	LED
<b>Objective Type</b>	Semi-Plan
<b>Supplied Objectives</b>	100x (Oil), 10x, 40x, 4x
<b>Microscope Complete Kit</b>	No

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