

## MOTIC 2820 LED MICROSCOPE

145-350



### PRODUCT DESCRIPTION

---

**The Motic 28 series offers a unique ergonomic shape as well as superior optics than the standard DIN objectives.**

A reliable, high-quality microscope at an affordable price.

#### Key Features

- Binocular head, inclined 45° and 360° rotating
- Widefield eyepieces WF10X / 18mm
- Quadruple nosepiece
- Achromatic objectives 4x, 10x, 40x, 100x (oil)
- Coaxial coarse and fine focusing adjustment
- Built-in low positional coaxial mechanical stage
- Rack & pinion focusable 1.25 N.A. Abbe condenser
- Iris diaphragm with filter holder
- LED Illumination with intensity control for truer tissue colour compared to traditional halogen

#### Technical Specifications

- Optical System: Finite optical system, 160mm
- Observation tube: Monocular
- Interpupillary Distance: 55-75mm
- Diopter adjustment: On both tubes, +/- 5 diopter
- Inclination: 45 inclined, 360 rotating
- Eyepiece(s): WF 10X / 18mm
- Nosepiece: Reversed quadruple revolving nosepiece with click stops
- Objective classification: EA Achromatic, DIN
- Objective information: 4X / 0.10, 10X / 0.25, 40X / 0.65 / S
- Objective mounting thread: W 4/5" x 1/36" (RMS standard)

- Stage: Built-in low position coaxial mechanical stage with sample holder
- Stage size: 133 X 136mm
- Mechanical stage X & Y range: 77 x 31mm
- Upper limit stop: Preset but adjustable
- Condenser: Rack & pinion focusable 1.25 N.A. Abbe Condenser with iris diaphragm
- Focus mechanism: Coarse and fine focusing system with tension adjustment
- Fine focus precision: 2um minimum increment
- Z-axis movement: 12mm
- Filter: Built-in frosted glass
- Illumination: LED 20mA, 3.5V, 70mW with intensity control
- Transformer: External
- Power supply: Charger 100 - 240V or rechargeable batteries
- Accessories included: Dust cover, charger and batteries

## ADDITIONAL INFORMATION

|  |                          |
|--|--------------------------|
| <b>Animal</b>                          | N/A                      |
| <b>SKU</b>                             | 145-350                  |
| <b>Overall Product Dimensions (mm)</b> | 215L x 172W x 380H       |
| <b>Brand</b>                           | Motic                    |
| <b>Lens System</b>                     | Binocular                |
| <b>Bulb Type</b>                       | LED                      |
| <b>Objective Type</b>                  | Achromatic               |
| <b>Digital Camera</b>                  | No                       |
| <b>Supplied Objectives</b>             | 100x (Oil), 10x, 40x, 4x |
| <b>Microscope Complete Kit</b>         | No                       |

### Good to know...

At Burtons we know you have a choice to shop with us, that is why we always aim to delight our customers with a fast, easy, shopping experience. Making and sourcing only the best products we can find to fit your needs. Price Matching: We regularly check all our prices against competitors so you don't have to. If you do find a like for like product cheaper we will aim to not just match it, but beat it! Backorders: All back ordered items will be ordered and shipped as quickly as we can to you. Special order items may take up to 4 weeks. Once ordered a member of our team will be in contact to keep you informed of estimated delivery dates. Returns Policy: You may return new, unworn or unused products within fourteen (14) days of delivery for a full refund of the cost of the goods, or an exchange if preferred. This is on top of your statutory rights