

## MOTIC 2820 LED MICROSCOPE

145-350



### PRODUCT DESCRIPTION

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**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

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