

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

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

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