



1801LED Cordless

Motic's 18 Series LED microscopes offer bright white illumination with no heat. By using a rechargeable battery pack, this microscope can also be used cordless. Whether your science lab is outdoors, lacks electrical outlets or you simply prefer a tangle-free work environment, our 18 Series LED microscopes offer a wide range of possibilities.

Model	1801 LED Cordless
Optical System	Finite Optical System, 160mm
Observation tube	Monocular
Inclination	45° inclined, 360° rotating
Eyepiece(s)	WF10X/18mm with pointer, lockable
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	Plain stage with sample clips
Stage size	120X125mm
Upper limit stop	Preset and adjustable
Condenser	Built-in 0.65 N.A. Condenser with iris diaphragm
Focus mechanism	Separated coarse and fine focusing system with tension adjustment
Fine focus precision	2µm minimum increment
Z-axis movement	11mm
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
Length X Width X Height	215x180x385mm
Weight	4,6Kg