



1820LED 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	1820 LED Cordless
Optical System	Finite Optical System, 160mm
Observation tube	Binocular, sliding type
Interpupillary distance	55-75mm
Diopter adjustment	On both tubes , +/- 5 diopter
Inclination	45° inclined, 360° rotating
Eyepiece(s)	WF10X/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	133X136mm
Mechanical stage X&Y range	77X31mm
Upper limit stop	Preset and adjustable
Condenser	Focusable 1.25 N.A. Abbe 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
Lenght X Width X Height	215X180X400mm
Weight	5Kg