

# High School Microscopes

## M220 LED FREEDOM Series Microscopes Corded and Cordless Versions Available!

Designed for High School biology, these durable and reliable microscopes are built to last and are backed by our Limited Lifetime Warranty. Select from a wide range of models and features to meet your needs. General specifications are identical to our corded microscopes on the facing page, except these are LED illuminated cordless - battery operated microscopes.

Our LED illuminated models offer FREEDOM from cords, the freedom to take it with you anywhere, no electricity required; the freedom of a truly portable classroom or field use microscope.

A selection of heads are available; chose from models with an inclined monocular head to dual, or "Teaching" heads. All models are parfocal and parcentered. All stages are drilled and tapped to accept optional mechanical stages; while certain models are available with mechanical stages already installed.

Each microscope includes 3 AA batteries, an AC adapter, dust cover and instruction manual.

### Cordless LED Illumination Microscopes with Limited Lifetime Warranty

Item No.	Description
M220LED	High School Monocular Microscope, 5-hole Disc Diaphragm
M220LED-M	High School Monocular Microscope, 5-hole Disc Diaphragm, with Mechanical Stage
M220LEDi	High School Monocular Microscope, Iris Diaphragm
M220LEDi-M	High School Monocular Microscope, Iris Diaphragm, with Mechanical Stage
M220i-DM	High School Monocular Microscope, Dual Head, Iris Diaphragm, with Mechanical Stage
B2-5101	Graduated Mechanical Stage
B3-1409	15X Widefield Eyepiece
B6-8910	Optical Cleaning Kit



**M220 LED FREEDOM Microscope**

Actual Size: 8.5" x 5" x 11.5"  
Shipping Dimension: 12" x 8" x 16"  
Shipping Weight: 9 lbs

**Did you know that UNICO services and maintains microscopes? Contact us for more details.**



**Dual Head**

### Specifications

- Inclined Monocular, or Dual Teaching heads
- 10x widefield eyepieces with pointer, locked-on
- 4x, 10x, 40xR DIN Achromatic objectives
- Large stage with locked-on stage clips, drilled to accept add-on mechanical stages
- Separate Coarse and Fine Focus controls
- Slip Clutch with stage drift / tension control
- Built-in NA 0.65 condenser (in-stage)
- Five position disc diaphragm (some models with iris diaphragm)
- LED illumination, battery or AC adapter powered
- AC Adapter included
- Adjustable stage travel safety rack stop



**Graduated Mechanical Stage**

	M220LED	M220LED-M	M220LEDi	M220LEDi-M	M220i-DM
<b>Head</b>	Monocular	Monocular	Monocular	Monocular	Dual Head
<b>Eyepiece</b>	10X WF	10X WF	10X WF	10X WF	10X WF (2)
<b>Objectives</b>	4X,10X,40X	4X,10X,40X	4X,10X,40X	4X,10X,40X	4X,10X,40X
<b>Condenser</b>	NA 0.65	NA 0.65	NA 0.65	NA 0.65	NA 0.65
<b>Diaphragm</b>	Disc, 5-hole	Disc, 5-hole	Iris	Iris	Iris
<b>Stage</b>	Plain, tapped	Mechanical	Plain, tapped	Mechanical	Mechanical
<b>Illumination</b>	Battery/AC	Battery/AC	Battery/AC	Battery/AC	Battery/AC
<b>Bulb</b>	LED	LED	LED	LED	LED
<b>Focusing</b>	Coarse/Fine	Coarse/Fine	Coarse/Fine	Coarse/Fine	Coarse/Fine



**Optical Cleaning Kit**