

# Junior Microscopes

## M15 and M16 Microscopes Corded and Cordless Versions Available!

Your choice of corded or cordless models built on the same sturdy and reliable frame. Both models feature inclined monocular heads with a locked-on 10x widefield eyepiece with a built-in pointer and a reverse position nosepiece with 4x, 10x and 40x all glass, parfocal and parcentered achromatic objectives. Both models offer bright, white light illumination, either with tungsten, or LED bulbs. Focus with large, easy to handle dual knobs with tension adjustment and slip clutch.

A large and durable stage includes locked-on stage clips and an integrated NA 0.65 condenser, and a 5 position disc diaphragm. The stage is tapped to accept an optional mechanical stage if desired. Adjustable stage travel safety rack stop prevents slide damage.

**Model M15 Junior Classroom Microscope:** Corded, 110 V, 20 Watt Tungsten Illuminator, with UL/CSA approved grounded power cord.

**Model M16 Freedom Jr. Cordless Microscope:** Cordless, LED Illuminator, operates on 3 disposable AA batteries (included), or optional AC Adapter.

Limited Lifetime Warranty: Excludes bulbs, fuses and batteries

Includes locked-on stage clips, dust cover and instruction manual.



**M16 Cordless Microscope**

Actual Size: 6.5" x 4.5" x 11.25"  
Shipping Dimension: 8" x 5.75" x 13"  
Shipping Weight: 4.5 lbs

Item No.	Description
M15	Corded Junior Microscope
M16	Cordless FREEDOM Junior Microscope
B2-7007	AC Adapter for M16
B2-7001	20 Watt Tungsten Bulb

	M15	M16
<b>Head</b>	Monocular	Monocular
<b>Eyepiece</b>	10X WF	10X WF
<b>Objectives</b>	4X, 10X, 40X	4X, 10X, 40X
<b>Condenser</b>	NA 0.65	NA 0.65
<b>Diaphragm</b>	Disc, 5-hole	Disc, 5-hole
<b>Stage</b>	Plain	Plain
<b>Illumination</b>	Tungsten	Battery/AC
<b>Bulb</b>	20 Watt	LED
<b>Focusing</b>	Coarse	Coarse

### Specifications

- Monocular head
- 10X widefield eyepiece
- 4X, 10X, 40X objectives
- NA 0.65 condenser
- Disc diaphragm, 5-hole
- Plain stage
- Coarse focusing knobs



**M100 Coaxial Monocular Microscope**

Actual Size: 8.5" x 5" x 9.5"  
Shipping Dimension: 12" x 8" x 14"  
Shipping Weight: 5.5 lbs

## M100 Student Microscopes

Sturdy and economical, the M100's will meet the requirements of High School biology on a middle school budget! Featuring inclined monocular heads that rotate 360° and DIN achromatic 4X, 10X and 40X parfocal and parcentered objectives with a 10X widefield eyepiece, they deliver crisp clear imaging while employing tough and durable student-proofed features backed by our Limited Lifetime Warranty.

Student proofed and safety features include locked-on but rotatable eyepiece with pointer, large stage with locked-on spring loaded stage clips is drilled and tapped to accept an optional mechanical stage, locked-on 5 hole disc diaphragm, stage travel safety rack stop to prevent slide and objective damage and locked-on dual Coaxial coarse and fine focus controls with tension adjustment and slip clutch. Built-in NA 0.65 condenser. All models include a dust cover and manual.

Bright white light is provided by the 20 Watt tungsten bulb illuminator, with UL/CSA approved grounded power cord. Model M101 uses a mirror and fork assembly to provide illumination.

Limited Lifetime Warranty: Excludes bulbs and fuses.

Item No.	Description
M100	Coaxial Monocular Microscope, Tungsten Illumination
M101	Coaxial Monocular Microscope, Mirror Illumination
B2-7001	20 Watt Tungsten Bulb

### Specifications

- Monocular head
- 10X widefield eyepiece
- 4X, 10X, 40X objectives
- NA 0.65 condenser
- Disc diaphragm, 5-hole
- Plain, tapped stage
- Coaxial focusing

	M100	M101
<b>Head</b>	Monocular	Monocular
<b>Eyepiece</b>	10X WF	10X WF
<b>Objectives</b>	4X, 10X, 40X	4X, 10X, 40X
<b>Condenser</b>	NA 0.65	NA 0.65
<b>Diaphragm</b>	Disc, 5-hole	Disc, 5-hole
<b>Stage</b>	Plain, tapped	Plain, tapped
<b>Illumination</b>	Tungsten	Mirror
<b>Bulb</b>	20 Watt	None
<b>Focusing</b>	Coaxial	Coaxial