

BUY 1  
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**BUY ONE GET SECOND ONE HALF PRICE**

## PBC Series Microscope

Our PBC series inclined elementary microscopes are designed to be rugged and durable. They meet the standard needs for a sturdy instrument to study biology in the lower grades

### Features:

- 3.5" movable stage makes it easy for small hands to adjust specimen
- Choice of coarse (200 series) or coaxial coarse focusing (400 series) within a built-in slip clutch system to prevent damage to the microscope gears
- Built-in illuminator with on-off switch
- Choice of concave mirror, LED corded or LED cordless models
- Fixed condenser and 5 hole rotating disc diaphragm
- 10x wide field eyepiece with pointer, locked on, and mounted at 45°
- 4X, 10X, and 40XR, achromatic objectives, parfocaled and parcentered
- Revolving triple nosepiece with positive click stops
- Full 10.5" in height with a 5.75" x 4" base
- Comes complete with dust cover and instruction manual
- Shipping information: 7" x 5" x 12" - 5lbs

### LED Cordless Model Features:

- White cool long life LED illumination
- Cordless - portable
- Rechargeable Nickel Metal Hydride (NiMH) batteries
- 10,000 hour bulb life
- Battery life - 500 rechargeable cycles
- Full recharge in 8 hours - giving up to 50 hours of continuous use per charge



### PBC Series Special Features :

- 3.5" round moveable stage makes it easy for small hands to adjust and keep control of specimen
- Can slowly control the stage as it glides into the proper position

| Item No.   | Head          | Focusing | Eyepiece       | Objective     | Illumination                | Price (First Unit) | Price (Second Unit) |
|------------|---------------|----------|----------------|---------------|-----------------------------|--------------------|---------------------|
| PBC-202L   | Monocular     | Coarse   | 10x wide-field | 4X, 10X, 40XR | LED Corded                  |                    |                     |
| PBC-202LRC | Monocular     | Coarse   | 10x wide-field | 4X, 10X, 40XR | LED Cordless (Rechargeable) |                    |                     |
| PBC-245L   | 45° Dual View | Coarse   | 10x wide-field | 4X, 10X, 40XR | LED Corded                  |                    |                     |
| PBC-245LRC | 45° Dual View | Coarse   | 10x wide-field | 4X, 10X, 40XR | LED Cordless (Rechargeable) |                    |                     |
| PBC-404L   | Monocular     | Coaxial  | 10x wide-field | 4X, 10X, 40XR | LED Cordless                |                    |                     |
| PBC-404LRC | Monocular     | Coaxial  | 10x wide-field | 4X, 10X, 40XR | LED Cordless (Rechargeable) |                    |                     |
| PBC-445L   | 45° Dual View | Coaxial  | 10x wide-field | 4X, 10X, 40XR | LED Corded                  |                    |                     |
| PBC-445LRC | 45° Dual View | Coaxial  | 10x wide-field | 4X, 10X, 40XR | LED Cordless (Rechargeable) |                    |                     |

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**BMT Series Microscopes**

BMT inclined microscope has a great reputation and is a classroom favorite. Known for durability and versatility this instrument can be used effectively for most classroom studies. Offers advanced microscope features at an affordable price. Suitable for grades 8 to 12. Limited lifetime warranty.

**Features:**

- Rugged cast metal stand construction with stain-resistant finish and chrome-plated components
- Light intensity control standards on LED corded / cordless models
- Locked-on 10x wide-field eyepiece with calibrated pointer
- 360° rotating head inclined at 45°
- Triple reverse nosepiece includes achromatic color-coded DIN objectives, 4X, 10X, and 40XR (retractable)
- 115mm x 120mm plain stage, with locked-on stage clips, is drilled and tapped to accept the optional MS20 mechanical stage.
- Tension adjustment eliminates stage drift
- N.A. 0.65 Condenser
- Cord holder for convenient storage; only on corded models
- 5-aperture disc diaphragm
- Separate coarse and fine focus with rack and pinion mechanisms that positive stops at both ends of the stage travel to prevent damage to delicate specimens or optics
- Built-in illumination system in base with on/off switch and three wire-grounded power cord (220V system available).
- Limited life-time warranty
- Shipping information: 9.5" x 6" x 11.5" - 10lbs

LIMITED  
**WARRANTY**  
LIFE-TIME



Calibrated Pointer



Cord Wrap

Light Intensity Control

**LED Cordless Model Features:**

- Cool LED illumination
- Cordless - portable
- Rechargeable Nickle Metal Hydride (NiMH) batteries
- 10,000 hour LED bulb life
- Battery life - 500 rechargeable cycles
- Full recharge in 8 hours - giving up to 50 hours of continuous use per charge

Rechargeable Adapter

Item No. **RC01**  
**\$26.00**

Replacement LED Bulb

Item No. **LBB17**  
**\$15.00**

Optional Mechanical Stage

Item No. **MS20**  
**\$16.50 \***  
*(regular price \$39.95)*



Reverse Nosepiece

\* Promotional Price on BMT series only.

| Item No.            | Head      | DIN Objective | Stage | Condenser/ Diaphragm | Illumination | Price (First Unit) | Price (Second Unit) |
|---------------------|-----------|---------------|-------|----------------------|--------------|--------------------|---------------------|
| <b>BMT-402D-LED</b> | Monocular | 4X, 10X, 40XR | Plain | 0.65 N.A. / Disc     | LED Corded   | <b>\$ 209.00</b>   | <b>\$ 104.50</b>    |
| <b>BMT-402D-RC</b>  | Monocular | 4X, 10X, 40XR | Plain | 0.65 N.A. / Disc     | LED Cordless | <b>\$ 219.00</b>   | <b>\$ 109.50</b>    |

\* Batteries and rechargeable adapter included on cordless models.

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**BUY ONE GET SECOND ONE HALF PRICE**

**PJ & PST Series Stereo Microscope**

All the quality features and versatility of larger stereo models, in a compact size that is more efficient for middle and secondary level instruction. Rugged and dependable, this microscope delivers a 3 dimensional, un-reversed image with great resolution, brightness, and clarity, and is engineered for ease of use and simplicity of operation. Choose low or high magnification simply by turning objective turret, only available on PST series. Also available with Tri-power turret.

**Features:**

- Binocular 45° inclined head with diopter adjustment on one ocular tube for comfort viewing
- Paired 10x wide-field eyepieces
- Interpupillary distance adjustable 51mm to 75mm
- Achromatic objectives are parfocaled and parcentered
- Provides crisp, erect images over a wide-field of view
- Post mounted head rotates 180° and is adjustable for various working distances
- Upper and lower LED illumination available-on/off switch mounted on base
- Rack and pinion focusing with safety stop and tension adjustment
- Eyepieces include two rubber eye guards for comfortable viewing
- Light model includes both a 95mm black and white reversible stage plate, and a frosted glass stage plate (95mm) with locked-on stage clips
- Rugged all metal construction
- Vinyl dustcover and instruction manual are included
- 3-wire safety cord
- PJ Series Shipping Information: 6" x 5" x 11" - 6lbs
- PST Series Shipping Information: 10" x 5" x 18" - 7lbs

**LIMITED WARRANTY**  
LIFE-TIME



**One Power**

| Item No.   | Magnification | Base Type            | Illumination              | Price (First Unit) | Price (Second Unit) |
|------------|---------------|----------------------|---------------------------|--------------------|---------------------|
| PJ-20AI    | 20x           | Plain                | None                      | \$ 149.00          | \$ 74.50            |
| PJ-20CIL   | 20x           | Transmitted/Incident | LED Corded Top & Bottom   | \$ 189.00          | \$ 94.50            |
| PJ-20CILRC | 20x           | Transmitted/Incident | LED Cordless Top & Bottom | \$ 219.00          | \$ 109.50           |

**Dual Power**

| Item No.      | Eyepiece | Magnification | Illumination                  | Price (First Unit) | Price (Second Unit) |
|---------------|----------|---------------|-------------------------------|--------------------|---------------------|
| PST-12-10L    | 10xWF(2) | 10x and 20x   | LED Corded - Top and Bottom   | \$ 249.00          | \$ 124.50           |
| PST-13-10L    | 10xWF(2) | 10x and 30x   | LED Corded - Top and Bottom   | \$ 249.00          | \$ 124.50           |
| PST-24-10L    | 10xWF(2) | 10x and 40x   | LED Corded - Top and Bottom   | \$ 249.00          | \$ 124.50           |
| PST-12-10-LRC | 10xWF(2) | 10x and 20x   | LED Cordless - Top and Bottom | \$ 279.00          | \$ 139.50           |
| PST-13-10-LRC | 10xWF(2) | 10x and 30x   | LED Cordless - Top and Bottom | \$ 279.00          | \$ 139.50           |
| PST-24-10-LRC | 10xWF(2) | 10x and 40x   | LED Cordless - Top and Bottom | \$ 279.00          | \$ 139.50           |

**Tri-Power**

| Item No.      | Eyepiece | Magnification | Illumination                | Price (First Unit) | Price (Second Unit) |
|---------------|----------|---------------|-----------------------------|--------------------|---------------------|
| PST-123-10L   | 10xWF(2) | 10x, 20x, 30x | LED Corded - Top and Bottom | \$ 279.00          | \$ 139.50           |
| PST-123-10LRC | 10xWF(2) | 10x, 20x, 30x | LED Cordless Top & Bottom   | \$ 309.00          | \$ 154.50           |
| PST-234-10L   | 10xWF(2) | 20x, 30x, 40x | LED Corded - Top and Bottom | \$ 279.00          | \$ 139.50           |
| PST-234-10LRC | 10xWF(2) | 20x, 30x, 40x | LED Cordless Top & Bottom   | \$ 309.00          | \$ 154.50           |

\* Upgrade eyepieces to 15x or 20x at no charge by replacing "10" in the model number to 15 or 20.

## Digital Eyepiece Cameras

These digital eyepiece cameras are designed to work with most microscopes including biological, metallurgical and stereo microscopes. Great for observing live images on your screen and still images. Simply install the ScopePhoto easy to use software, remove the eyepiece from the microscope ocular tube and insert the camera into the ocular tube and follow the instruction manual on the CD provided. Compatible with PC computers.



DCNU2-5.0

### Includes:

- Digital Eyepiece Camera
- USB 2.0 Cable (2.5m long)
- Instruction Manual on CD
- ScopePhoto Software
- 2 eyepiece adapters - one of each (30mm and 35mm outer diameter)
- Driver (Supports DShow & TWAIN interface, output data RGB24)

| Item No.  | Resolution                     | Max Resolution   | Price     |
|-----------|--------------------------------|--|-----------|
| DCN-VBS2  | 350K                           | 30 Frames/Second at 640 x 480<br>30 Frames/Second at 320 x 240 | \$ 198.00 |
| DCNU2-1.3 | 1.3 Mega Pixels                | 1280 x 1024 at 20 Frames/Second                                | \$ 250.00 |
| DCNU2-3.1 | 3.1 Mega Pixels                | 2048 x 1536 at 4 Frames/Second                                 | \$ 380.00 |
| DCNU2-5.1 | 5.1 Mega Pixels                | 2592 x 1944 at 2 Frames/Second                                 | \$ 510.00 |
| DCN-TV    | Digital Eyepiece with TV Input |  | \$ 163.00 |

## Walter Brand Digital LCD Camera For Microscope



This Digital LCD with Camera for Microscope allows users to easily view specimens or objects on the screen which provides comfortable and adequate viewing for individuals and small groups. Digital snapshots or videos can be taken using the digital camera, which can be viewed using your TV monitor or used for further learning.

### Standard Features:

- 3.5" (9cm) LCD Screen - displays full screen image
- SD Card Slot - optional cards can be used up to 2GB
- LCD Positioning - range of 100° vertical and 360° horizontal
- LCD Micro offers you three possibilities for image output and storage: view images directly on the LCD monitor, store photographs on a SD card, or transfer the photographs to your PC.
- System requirements for USB connection/memory card use: Windows Operating System, main board with USB connection, media program, memory card, and memory card reader
- Includes adapter for stereomicroscopes, USB cable, and AC adapter
- Instructional manual included



Microscope Not Included

### Standard Items and Specifications

|                          |   |
|--------------------------|---|
| Image Sensor             | 2.0 Mega Pixel CMOS Sensor                  |
| Picture Size             | 12.0MP/8.0MP/5.0MP/3.0MP/2.0MP/1.3MP/0.35MP |
| Flash Memory             | 8M  |
| External Memory Slot     | SD  |
| Digital Zoom             | 8X  |
| LCD for Preview/Playback | 3.6 TFT LCD with 320x240                    |
| Power                    | DC 5V                                       |

| Item No. | Price     |
|----------|-----------|
| DLCD2.0  | \$ 180.00 |

## PBC DIGITAL MICROSCOPE



The PBC Digital Series has been upgraded to offer a digital model for the convenience of connecting your microscope to a computer. Built-in CMOS camera to connect your computer via USB connection to capture, manipulate and view images. Compatible with Windows operating system. Excellent choice for those computer-savvy elementary and middle school students. Limited lifetime warranty.

### Features:

- Rugged all metal construction
- 12" height
- 45° mounted monocular head - rotates 360°
- 4X, 10X, 40XR (retractable) achromatic objectives are colour coded
- Adjustable stage stop to prevent damage to the slide or optics
- Round movable stage
- Six hole disc diaphragm
- Spring-loaded stage clips to hold specimens in place
- Coarse focusing knobs
- Comes complete with dust cover, single adapter, USB cable, driver, and instruction manual. Packaged in a styrofoam box.
- Shipping information: 10" x 7" x 13" - 5lbs

### Software Features:

- Features USB 2.0 connection compatible with PC - Windows 2000, Windows XP and DirectX 9.0
- Compatible with 32 bit Vista operating system (Not compatible with Vista 64 bit operating system)
- Includes software, instruction manual and dust cover
- Our new digital microscopes include user-friendly sophisticated micro-imaging software
- Software capabilities allow you to preview, compare, count and capture images
- Live video also allows you to preview specimens in real-time on your monitor

### LED Model Features:

- White cool long life LED illumination
- 10,000 hour LED bulb life

### Round Moveable Stage

- 3.5" round moveable stage makes it easy for small hands to adjust and keep control of specimen.
- Rotates 360°
- Can slowly control the stage as it glides into the proper position
- Great for young students



| Item No.       | Head      | Eyepiece       | Mega Pixels | Objectives    | Illumination | Price |
|----------------|-----------|----------------|-------------|---------------|--------------|-------|
| PBC-LED-DG-1.3 | Monocular | 10x Wide-field | 1.3         | 4X, 10X, 40XR | LED Corded   |       |
| PBC-LED-DG-3.0 | Monocular | 10x Wide-field | 3.0         | 4X, 10X, 40XR | LED Corded   |       |

## 3000F DIGITAL MICROSCOPE

Capture images and show live video on a computer screen with the 3000F Digital Microscope. For students who are studying cells like protista this digital instrument will benefit a biology setting using quality optics, coaxial focusing and the ability to capture nature on a computer screen. PARCO makes it available at an affordable price. Limited lifetime warranty.

### Features:

- 10x wide-field with lock-on eyepiece and pointer with 16mm exit pupil distance
- Tension adjustment to prevent stage drift
- Monocular 45° inclined microscope head with 360° rotation
- All metal rack-and-pinion focusing
- Choice of 3 or 4 DIN Achromatic objective models
- Color-coded objectives are parcentered and parfocaled
- Coaxial coarse and fine focusing with a slip clutch to prevent damage to slides or optics
- Large stage 4.5" x 4.75" with spring-loaded stage clips and stage stops
- 3 objective or 4 objective models: 1.25 Abbe condenser and iris diaphragm
- Built-in calibrated mechanical stage (1mm increments)
- Shipping Information: 11" x 8" x 15" - 9lbs



### Software Features:

- Features USB 2.0 connection compatible with PC - Windows 2000, Windows XP and DirectX 9.0
- Compatible with 32 bit Vista operating system (Not compatible with Vista 64 bit operating system)
- Instruction manual and dust cover are included
- Our new digital microscopes include user-friendly sophisticated micro-imaging software
- Software capabilities allow you to preview, compare, count and capture images
- Live video also allows you to preview specimens in real-time on your monitor

### LED Model Features:

- White cool long life LED illumination
- 10,000 hour LED bulb life

| Item No.               | Mega Pixels | DIN Objectives       | Illumination | Price            |
|------------------------|-------------|----------------------|--------------|------------------|
| <b>3000F-DG1.3</b>     | 1.3         | 4X, 10X, 40XR        | LED Corded   | <b>\$ 414.00</b> |
| <b>3000F-DG3.0</b>     | 3.0         | 4X, 10X, 40XR        | LED Corded   | <b>\$ 505.00</b> |
| <b>3000F-100-DG1.3</b> | 1.3         | 4X, 10X, 40XR, 100XR | LED Corded   | <b>\$ 480.00</b> |
| <b>3000F-100-DG3.0</b> | 3.0         | 4X, 10X, 40XR, 100XR | LED Corded   | <b>\$ 560.00</b> |

**PST SERIES DIGITAL MICROSCOPE \*WINDOWS / MAC COMPATIBLE\***

All the quality features and versatility of larger stereo models, in a compact size that is more efficient for middle school and high school level instruction. Rugged and dependable, this microscope delivers a 3 dimensional, un-reversed image with great resolution, brightness, and clarity, and is engineered for ease of use and simplicity of operation. Choose low or high magnification simply by turning the object turret.

**Features:**

- Viewing head has advanced 45° inclined design, and is post mounted to permit 360° rotation or adjustment up and down to accommodate large specimens
- Paired 10x widefield eyepieces with dioptre adjustment on one ocular tube
- Objectives are parfocaled, parcentered, and achromatic
- Lighting, Upper and Lower illumination/ Both with base mounted switches
- Adjustable pole mounted style to allow for various working distances
- Comes with both a 95mm black and white reversible stage plate and a frosted glass stage plate
- Easily change magnifications by rotating turret
- LED illumination
- Locked on stage clips
- Rugged all metal construction
- Limited life-time warranty
- Shipping information: 11" x 6" x 14" - 5lbs



Black & White Stage Plate included

**Digital Features:**

|                       | PST Series   |
|-----------------------|--|
| <b>Compatibility</b>  | Windows 2000/XP/Vista/7<br>MacOSX Leopard 10.2 or Better |
| <b>Digital</b>        | 1.3 Mega Pixels  |
| <b>Resolution</b>     | 1280 x 1024  |
| <b>Frame Speed</b>    | CIF 30 Frame/Second<br>VGA 15 Frame/Second               |
| <b>Color Range</b>    | Max 1.64 Million<br>24 Bit Colour                        |
| <b>Color Spectrum</b> | 400nm - 1000nm   |
| <b>Sensitivity</b>    | 0.8v / lux-sec @ 550nm                                   |
| <b>White Balance</b>  | Automatic  |
| <b>Electrical</b>     | USB 2.0 Port   |

| Item No.      | Mega Pixels | Objectives | Price     |
|---------------|-------------|------------|-----------|
| PST-24-DG-1.3 | 1.3         | 2X 4X      | \$ 580.00 |
| PST-13-DG-1.3 | 1.3         | 1X 3X      | \$ 580.00 |

**PST Series Special Features:**  
Latest technology in LED lighting with long life and cool temperature

# Walter ADV Microscope **CLASSROOM PACK**

## Dual Application / Portable

- Top light used as stereo for macro-magnification & opaque objects
- Bottom light used for prepared slides

### 2070 Features:

- Round moveable 360° mechanical stage (9cm in diameter)
- Diaphragm 6 color filter disc from white to green to blue
- Operates on 2 "AA" Batteries
- Comes complete with dust cover and instructions
- Shipping Information: 12" x 7" x 7.5" - 5lbs

### Standing out from the Competition!

- All metal construction
- 4X, 10X, and 40X glass optics
- 3 way illumination; top or bottom, or both
- 3.5" round moveable stage makes it easy for small hands to adjust and keep control of specimen; stage slowly glides in the proper position
- Reverse nosepiece
- 360° rotation of head, 45° inclination
- Light intensity control (top and bottom)



ADV

| Item No.   | Eyepiece       | Head     | Objective    | Illumination                                   | Price              |
|------------|----------------|----------|--------------|--|--------------------|
| ADV-70B    | 10x Wide-Field | Inclined | 4X, 10X, 40X | LED Cool Light (Top & Bottom) Battery Operated | \$ 69.00/each      |
| ADV-70B-10 |                |          |              |  | \$ 586.00/pk of 10 |

## PFM-51 Field Trip Microscope



### PFM-51 Features:

- 10x Wide-Field Eyepiece
- 20x magnification
- Rugged all metal construction
- Unique optical system needs no extra light
- Ideal for both classroom and field trip use
- Upright image - dissecting microscope
- Excellent for studying insects, pond water, rocks & plants
- Comes complete with dust cover, instructions and wooden carrying case
- Shipping Information: 5" x 4" x 7" - 3lbs

### CLASSROOM PACK

| Item No.  | Eyepiece       | Objectives   | Magnification | Illumination   | Price             |
|-----------|----------------|--------------|---------------|----------------|-------------------|
| PFM-51    | 10x Wide-Field | 2x           | 20x           | Ambient        | /each             |
| PFM-51-10 |                |              |               |                | /pk of 10         |
| PFM-20    | 10x Wide-Field | 5x, 10x, 40x | 5X, 10X, 40X  | LED - Cordless | \$58.00/each      |
| PFM-20-10 |                |              |               |                | \$493.00/pk of 10 |

## PFM-20 Learning Microscope



### PFM-20 Features:

- Rugged plastic construction
- Locked-on eyepiece
- Coarse focusing knobs
- Convenient on/off button
- Includes three AA batteries
- LED illumination-cordless model
- Fixed monocular 45° inclined head
- 5x, 10x, 40x colour-coded objectives
- 3.5" round stage with spring loaded stage clips
- Comes complete with dust cover and instructions
- Shipping Information: 7" x 7" x 12" - 1lb

## PFM-56 Beginner Microscope

### Features:

- Tamper proof viewing tube
- Shock resistant stand
- Achromatic ground and polished glass lenses
- Permanently attached reversible mirror - Concave on one side, white surface on the other to direct natural light onto the specimen
- Rotating the optical tube brings specimen into focus
- Zoom range 25x to 100x - by moving the eyepiece up or down
- Comes complete with dust cover and instructions
- Shipping Information: 5" x 5" x 8" - 1lb

### CLASSROOM PACK

| Item No.  | Eyepiece       | Objectives | Magnification | Illumination | Price     |
|-----------|----------------|------------|---------------|--------------|-----------|
| PFM-51    | 10x Wide-Field | 2.5x       | 25x - 100x    | Mirror       |           |
| PFM-51-10 | 10x Wide-Field | 2.5x       | 25x - 100x    | Mirror       | /pk of 10 |



## Navigator Series Microscope

- 3.5" moveable stage makes it easy for small hands to adjust specimen
- Locked on, spring loaded stage clips
- Maintenance free - no electrical, mirrors, gears, or knobs
- Adjustable arms tilts 45° for comfortable viewing
- Comes complete with dust cover and instructions
- Shipping Information: 6" x 4" x 10" - 3lbs

### Special Features:

- 3.5" round moveable stage makes it easy for small hands to adjust and keep control of specimen
- Can slowly control the stage as it glides into the proper position

### CLASSROOM PACK

| Item No.   | Eyepiece       | DIN Objective | Magnification | Price             |
|------------|----------------|---------------|---------------|-------------------|
| NAV-020    | 5x Wide-Field  | 4x            | 20x           | \$60.00/each      |
| NAV-020-10 |                |               |               | \$510.00/pk of 10 |
| NAV-040    | 10x Wide-Field | 4x            | 40x           | \$65.00/each      |
| NAV-040-10 |                |               |               | \$552.50/pk of 10 |
| NAV-100    | 10x Wide-Field | 10x           | 100x          | \$70.00/each      |
| NAV-100-10 |                |               |               | \$595.00/pk of 10 |



## All Purpose Dissecting Microscope

- Monocular, 45° inclined, 360° rotatable head
- All metal frame and locked-on eyepiece
- Large 14 x 11cm stage with slide clips
- Working distance is 74mm with a maximum specimen height of 40mm
- Comes complete with dust cover and instructions
- Shipping Information: 8" x 4" x 10" - 3lbs

### CLASSROOM PACK

| Item No.  | Eyepiece       | Magnification | Price             |
|-----------|----------------|---------------|-------------------|
| PPS-54    | 10x Wide-Field | 20x           | \$78.00/each      |
| PPS-54-10 |                |               | \$663.00/pk of 10 |



## PSC-50/60 Student Microscope Series



**PSC-61**

### Features:

- Monocular, 45° inclined, 360° rotatable head
- 0.65 N.A. Condenser
- Revolving nosepiece with positive click stops
- Locked on wide field 10x eyepiece with pointer
- Colour coded 4X, 10X, and 40XR (retractable) objectives
- Tension adjustable coarse focus, or separate coarse and fine focusing
- Rugged cast metal construction with inclination joint for adjustable viewing
- Rack and pinion focusing with slip clutch and adjustable rack stop to prevent slide damage
- Comes complete with a dust cover and instruction manual
- Shipping Information: 9" x 6" x 13" - 3lbs

### Special Features for PSC & ADV-200 Microscopes:

- 3.5" round moveable stage makes it easy for small hands to adjust and keep control of specimen
- Can slowly control the stage as it glides into the proper position

| Item No. | Eyepiece       | Focusing               | Objective          | Illumination     | Price |
|----------|----------------|------------------------|--------------------|------------------|-------|
| PSC-50M  | 10x Wide-Field | Coarse                 | 4X, 10X, 40X, 40XR | Mirror           |       |
| PSC-51   | 10x Wide-Field | Coarse                 | 4X, 10X, 40X, 40XR | 15w Tungsten     |       |
| PSC-51RC | 10x Wide-Field | Coarse                 | 4X, 10X, 40X, 40XR | LED Rechargeable |       |
| PSC-61   | 10x Wide-Field | Separate Coarse & Fine | 4X, 10X, 40X, 40XR | 15w Tungsten     |       |
| PSC-61RC | 10x Wide-Field | Separate Coarse & Fine | 4X, 10X, 40X, 40XR | LED Rechargeable |       |

## Adventure-200 Series Microscope

### Features:

- Locked on 10x Wide-field eyepiece (16mm lens) with pointer
- 3.5" round stage rotates 360° for convenience of adjusting specimens with spring mounted stage clips
- Rack and pinion focusing with a slip clutch mechanism to prevent gear damage
- Safety rack stop to prevent damage to specimen
- Glass optics with multi-layer coatings for contrast and high resolution
- 4X, 10X, 20X, or 40XR (retractable) achromatic objectives are locked in and mounted on an indexed revolving nosepiece
- Cool LED illumination (up to 10,000 hours of bulb life) with On/Off switch
- Rechargeable Nickel Metal Hydride (NiMH) batteries
- Full battery life is up to 500 recharge cycles
- Full recharge your microscope in approximately 8 hours - provides 50-70 hours of continuous use per charge
- Specially designed condenser and optical lens for brighter and sharper images
- Includes three rechargeable batteries and single adapter for charging your microscope
- Comes complete with dust cover and instruction manual
- Shipping Information: 8" x 6" x 11" - 4lbs

**ADV-200**



**ADV-200RC**

| Item No.  | Eyepiece       | Objective     | Magnification   | Illumination              | Price |
|-----------|----------------|---------------|-----------------|---------------------------|-------|
| ADV-200   | 10X Wide-Field | 4X, 10X, 20X  | 40X, 100X, 200X | Prism                     |       |
| ADV-400   | 10X Wide-Field | 4X, 10X, 40XR | 40X, 100X, 400X | Prism                     |       |
| ADV-200RC | 10X Wide-Field | 4X, 10X, 20X  | 40X, 100X, 200X | LED Cordless Rechargeable |       |
| ADV-400RC | 10X Wide-Field | 4X, 10X, 40XR | 40X, 100X, 400X | LED Cordless Rechargeable |       |

## PSC-48 Student Inclined Microscope

### Features:

- Rugged all metal construction
- Locked on 10x wide-field eyepiece with calibrated pointer
- 45° inclined, 360° rotatable monocular head
- Full size, colour coded DIN standard objectives 4X, 10X, 40XR (retractable)
- Revolving triple nosepiece with positive click stops
- Slip clutch with tension adjustment to protect focusing mechanism
- Safety rack top prevents damage to objectives and slides
- Calibrated 5-hole disc diaphragm
- 15w, 110v built-in tungsten illumination, with on/off switch and a 3 wire cord
- Comes complete with dust cover and instructions
- Shipping Information: 7" x 10" x 16" - 7lbs



PSC-48

| Item No. | Head      | Eyepiece       | DIN Objectives | Illumination       | Price |
|----------|-----------|----------------|----------------|--------------------|-------|
| PSC-48   | Monocular | 10x Wide-Field | 4X, 10X, 40XR  | 110V, 15W Tungsten |       |

## PBS Series Monocular Microscopes

### Features:

- Monocular 45° inclined head, with 360° rotation
- 10x Wide-Field eyepiece, locked on with calibrated pointer
- Choice of 20w tungsten or LED Rechargeable illumination
- Coaxial coarse and fine focusing
- Spring loaded stage clamp for exact positioning of the specimen
- Built-in mechanical stage allows smooth X-Y travel in 1mm graduation
- Positive stops at both ends of travel to prevent damage to delicate specimens or optics
- Rack and pinion adjustable 1.25 Abbe Condenser and iris diaphragm for resolution and contrast control
- Achromatic DIN objectives 4X, 10X, 10XR, and 100XR (retractable) (oil immersion) are parfocaled, parcentered, and colour-coded
- Comes complete with dust cover and instructions
- Shipping Information: 8" x 11" x 16" - 7lbs



PBS-F-100



PBS-F

| Item No.      | Head      | Eyepiece       | DIN Objectives             | Stage   | Illumination | Price |
|---------------|-----------|----------------|----------------------------|---|--------------|-------|
| PBS-F-LED     | Monocular | 10x Wide-Field | 4X, 10X, 40XR              | 0.65 N.A. Condenser<br>5 Hole Disc Diaphragm        | LED          |       |
| PBS-F-RC      | Monocular | 10x Wide-Field | 4X, 10X, 40XR              | 0.65 N.A. Condenser<br>5 Hole Disc Diaphragm        | LED Cordless |       |
| PBS-F-100-LED | Monocular | 10x Wide-Field | 4X, 10X, 40XR, 100XR (oil) | Built-in MS, 1.25 Abbe<br>Condenser, Iris Diaphragm | LED          |       |
| PBS-F-100-RC  | Monocular | 10x Wide-Field | 4X, 10X, 40XR, 100XR (oil) | Built-in MS, 1.25 Abbe<br>Condenser, Iris Diaphragm | LED Cordless |       |

# PBS Series Microscope

## Features:

- Coaxial coarse and fine focusing
- Head and ocular tube are one piece
- Light condenser and base are one piece
- Reverse nosepiece for more working room on stage
- Large 4.75" x 4.5" plain stage with spring clips on 400 series
- 10x Wide-Field eyepiece, locked on with calibrated pointer
- Monocular 45° inclined head, double 45° dual view, or binocular head - all with 360° rotation
- Achromatic DIN objectives 4X, 10X, 10XR, and 100XR (retractable) (oil immersion) are parfocaled, parcentered, and color-coded
- Positive stops at both ends of travel to prevent damage to delicate specimens or optics
- Choice of LED Corded or LED Cordless Illumination
- Built-in mechanical stage allows smooth X-Y travel in 1mm graduation on 500 series
- Spring loaded stage clamp for exact positioning of the specimen
- Rack and pinion adjustable 1.25 Abbe Condenser and iris diaphragm for resolution and contrast control
- Iris diaphragm is complete with a clear optical plastic protection to prevent any damages
- Comes complete with dust cover and instructions
- Shipping Information: 9" x 6" x 15" - 9lbs



Calibrated Pointer



PBS-508L



PBS-402L



| Item No.   | Head          | Eyepiece       | DIN Objectives | Stage       | Illumination | Price     |
|------------|---------------|----------------|----------------|-------------|--------------|-----------|
| PBS-402L   | Monocular     | 10x Wide-Field | 4X, 10X, 40XR  | Plain Stage | LED Corded   | \$ 159.00 |
| PBS-402LRC | Monocular     | 10x Wide-Field | 4X, 10X, 40XR  | Plain Stage | LED Cordless | \$ 189.00 |
| PBS-404L   | 45° Dual View | 10x Wide-Field | 4X, 10X, 40XR  | Plain Stage | LED Corded   | \$ 180.00 |
| PBS-404LRC | 45° Dual View | 10x Wide-Field | 4X, 10X, 40XR  | Plain Stage | LED Cordless | \$ 210.00 |

| Item No.   | Head          | Eyepiece       | DIN Objectives             | Stage  | Illumination | Price     |
|------------|---------------|----------------|----------------------------|--|--------------|-----------|
| PBS-502L   | Monocular     | 10x Wide-Field | 4X, 10X, 40XR, 100XR (oil) | Built-in MS, 1.25 Abbe Condenser, Iris Diaphragm | LED Corded   | \$ 279.00 |
| PBS-502LRC | Monocular     | 10x Wide-Field | 4X, 10X, 40XR, 100XR (oil) | Built-in MS, 1.25 Abbe Condenser, Iris Diaphragm | LED Cordless | \$ 309.00 |
| PBS-503L   | 45° Dual View | 10x Wide-Field | 4X, 10X, 40XR, 100XR (oil) | Built-in MS, 1.25 Abbe Condenser, Iris Diaphragm | LED Corded   | \$ 319.00 |
| PBS-503LRC | 45° Dual View | 10x Wide-Field | 4X, 10X, 40XR, 100XR (oil) | Built-in MS, 1.25 Abbe Condenser, Iris Diaphragm | LED Cordless | \$ 349.00 |
| PBS-508L   | Binocular     | 10x Wide-Field | 4X, 10X, 40XR, 100XR (oil) | Built-in MS, 1.25 Abbe Condenser, Iris Diaphragm | LED Corded   | \$ 359.00 |
| PBS-508LRC | Binocular     | 10x Wide-Field | 4X, 10X, 40XR, 100XR (oil) | Built-in MS, 1.25 Abbe Condenser, Iris Diaphragm | LED Cordless | \$ 389.00 |