

(425)330-9568 / 1(800)355-2036

www.nafzigmicroscopes.com

# National Microscopes

## New "Cordless Compound Microscope MODEL 125-LED



- 45 degree inclined monocular head, rotates 360 degrees.
  - Widefield 10x eyepiece with pointer.
  - 3-hole objective turret, reverse position, ball-bearing mounted for smooth, precise changes in magnification.
  - Objectives: DIN standard 4x (0.10 N.A.), 10x (0.25 N.A.), 40xR (0.65 N.A.) supplied, for 40x, 100x, and 400x magnification. All are achromatic, parcentered, parfocaled and color-coded.
  - Single 8-hour charge allows 40 to 50 hours of use. Nickel metal hydride batteries, recharge up to 1000 times for a total of 40,000 to 50,000 hours of use from a single set of three AA batteries.
- Light intensity adjustment. Rack and pinion coarse focus, with slip clutch to protect focus mechanism, separate fine focus, tension adjustment eliminates focus drift. Safety rack-stop prevents damage to specimen slides and lenses.

1-4.....\$229.00 5 OR MORE.....\$214.00  
(LIST PRICE \$289.00)

## "Fluorescent" Compound Microscope MODEL 155



- 45 degree inclined monocular head, rotates 360 degrees
  - Widefield 10x eyepiece with pointer and rubber eyepiece cup. Eyepiece accepts optional #965-160 eyepiece reticle.
  - 3-hole objective turret, reverse position, ball-bearing mounted for smooth, precise changes in magnification.
  - Objectives: DIN standard 4x (0.10 N.A.), 10x (0.25 N.A.) and 40xR (0.65 N.A.) are supplied, for 40x, 100x and 400x magnification. All are achromatic, parcentered, parfocaled and color-coded.
  - Large 120mm x 125mm (4-3/4 in. x 5 in.) stage with locked-on, spring activated stage clips, drilled and tapped to accept optional mechanical stage.
  - 0.65 N.A. condenser lense, mounted in stage.
- 5-hole disc diaphragm.
- Rack and pinion coarse focus, with slip clutch to protect focus mechanism, and separate fine focus. Tension adjustment eliminates focus drift. Safety rack-stop prevents damage to specimen slides and lenses.
- 5-watt fluorescent illumination, 3-wire grounded electrical system and plug. 0.5A time delay fuse.
- 5-year limited warranty, excluded bulbs and fuses.

1-4.....\$269.00 5 OR MORE.....\$239.00  
(LIST PRICE \$337.00)

## "LED" Compound Microscope MODEL 131-CLED



- Widefield 10x eyepiece with pointer. Dual viewing model includes second eyepiece. Accepts optional #965-160 eyepiece reticle.
  - 45 degree inclined viewing head rotates 360 degrees for easy sharing by more than one student, or for reverse position viewing.
  - Objective turret is ball-bearing mounted for smooth, more precise alignment, has positive click stops. 4x, 10x, and 40xR.
  - Objectives: DIN standard, achromatic, parfocaled, parcentered, and color-coded.
  - Stage: Large 110mm x 120mm (4-3/8 in. x 4-3/4 in.) stage with locked-on, spring-activated stage clips.
- LED light up to 100,000 hours life, cool burning illumination equal to a 20w tungsten bulb.

1-4.....\$204.00 5 OR MORE.....\$189.00  
(LIST PRICE \$239.00)

## Binocular Compound Microscope MODEL 162



- Reverse nosepiece
- Eyepieces: WF10x/18mm (pointer not standard).
- Head can be rotated 360 degrees.
- Objective turret is ball-bearing mounted for smooth, precise positioning of objectives, features textured rubber knurling.
- Objective lenses: Choose standard achromatic or semi-plan, all are supplied DIN standard: 4x, 10x, 40xR, 100xR.
- Stage: Large 140mm (5.5 in.) wide by 135mm (5.25 in.) deep surface; built-in, low-profile, ball-bearing mounted mechanical specimen holder with low position coaxial controls, 70mm (x) by 50mm (y) movement with graduations of 0.1mm.
- Condenser: 1.23 N.A. Abbe condenser has rack & pinion focusing, iris diaphragm, swing-out filter holder with clear blue, green, yellow filters supplied.
- Focusing: Coaxial coarse and fine, coarse has tension adjustment, fine is calibrated. On/ off power switch, 3-wire grounded plug, 0.5A fuse.
- Available with 120v 60 hertz or 200v 50 hertz.
- Warranty: 5-year limited warranty.

1-4.....\$540.00 5 OR MORE.....\$470.00  
(LIST PRICE \$729.00)