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## **Cordless Elementary Compound Microscope**

**Model L-01200** *See illustration on page 2.*

### **Full-Function Microscopy Without the Need of a Power Outlet or Cord.**

Designed to facilitate teaching at the elementary level, battery powered LED illumination provides bright, heat free light with complete freedom from cords and outlets. Standard microscope format most popular in U.S. schools. Rugged metal frame, and precision optical glass lenses. Student proofing features minimize loss of parts and other student abuse. For optimum convenience, recharger has automatic cut-off when batteries are fully charged. Recommended for instruction through grade 8.

#### **OPTICAL SYSTEM**

- Widefield 10x eyepiece with revolving pointer.
- 45° inclined viewing head rotates 360° for easy sharing by more than one student.
- Achromatic, color-coded 4x, 10x, and 40xR, objectives mounted on precision revolving objective turret, 40x, 100x and 400x magnification.
- 3-hole nosepiece is ball bearing mounted for more precise alignment, and has positive click stops.

#### **ILLUMINATION**

- LED light rated up to 100,000 hours life, illumination equal to a 20-watt tungsten bulb, totally heat free.
- Set of 3 AA rechargeable nickel metal hydride batteries allows up to 1000 recharges, for a total of 40,000 to 50,000 hours of use. Included battery charger automatically stops charging when batteries are fully charged....protects batteries from overcharging, also permits conventional light operation by plugging into regular wall outlet. No need for expensive recharger stations, plugs into inexpensive multiple outlet power strips available from any grocery or hardware store.
- Single 8-hour charge provides 40 to 50 hours of use.
- Recharger also permits light operation by plugging into standard wall outlet

#### **FOCUSING**

- Oversized mid-range focusing knobs.
- Stage moves up and down, eyepiece and body remain fixed.
- Slip clutch prevents damage to focusing system. Safety rack stop prevents damage to slides and objective lenses.

#### **STAGE**

- 98mm x 95mm stage
- Locked-on, spring mounted stage clips

#### **FRAME**

- Rugged cast metal, gray enamel finish.
- Height 278mm 11 in. Net wt. 4.0 lbs

#### **PACKING**

- Molded styrofoam container with instruction brochure and vinyl dustcover
- Individual: Ship wt. 2.7 kgs (6 lbs.) Dimensions 18x12x11
- Master carton pack 2 each: Ship wt. 6.4 kgs. (14 lbs.) Dimensions 18x12x18

#### **WARRANTY**

- 5-year limited warranty, excluding bulb and batteries.

Note: To provide optimum quality at lowest cost, model L-01200 cannot be changed or upgraded

Subject to changes in material and design, equal to or exceeding those described above



Model #L-01200