
Cordless Advanced Compound Microscope w/1000x Model L-01400 *See illustration on page 2.*

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

Great for high school labs or field laboratory use. The extra efficient, heat-free LED illumination, equal to a 20 watt bulb, operates on rechargeable batteries, allowing complete freedom from cords and outlets. Included recharger plugs into standard wall outlet, cuts off automatically when batteries are fully charged, eliminating need for expensive recharger stations. Includes all the most commonly specified microscope features, plus 100xR oil immersion lens and 1.25N.A. Abbe condenser for advanced study.

OPTICAL SYSTEM

- Widefield 10x eyepiece with revolving pointer. Accepts optional #S-05200 eyepiece reticle.
- 45° inclined viewing head rotates 360° for easy sharing by more than one student.
- DIN objectives 4x, 10x, 40xR, 100xR oil immersion are achromatic, parfocalled, parcentered, color coded.
- 4-hole nosepiece, ball-bearing mounted for more precise alignment, has positive click stops.
- Spiral mounted 1.25NA Abbe condenser with iris diaphragm.

ILLUMINATION

- LED light rated up to 100,000 hours life, illumination equal to a 20 watt tungsten bulb, totally heat free.
- Rechargeable AA nickel metal hydride batteries can be recharged up to 1000 times, each 8 hour charge providing up to 50 hours operation, total of 40-50,000 hours use from each set of 3.
- Included recharger shuts off when batteries are fully charged, indicator light turns from red to green. Eliminates danger of overcharging and shortening battery life without need of expensive recharger station. Plugs into wall, or multiple outlet power strips available from any store.
- Also permits conventional light operation by plugging into regular wall outlet.
- Rheostat intensity control.

FOCUSING

- Low position coaxial coarse and fine focusing. Stage moves up or down, body remains fixed.
- Tension adjustment eliminates stage drift.
- Safety rack stop prevents damage to slides and objective lenses.

STAGE

- Large 130mm x 135mm (5 in. x 5-1/4 in.) stage, with professional quality, low-profile mechanical specimen holder and low-position coaxial x-y controls.

FRAME

- Rugged cast metal, gray enamel finish.
- Height 380mm (15 in.). Net wt. 9.0 lbs

PACKING

- Molded styrofoam container with recharger, instruction brochure and vinyl dustcover
- Individual: Ship wt. 11 lbs,
- Master carton pack 3 each: Ship wt. 35lbs

WARRANTY

- Lifetime limited warranty, excluding LED bulb, batteries, and recharger

PARTS & ACCESSORIES

- S-05200 Eyepiece reticle, 10mm/100 divisions
- S-05700 LED replacement



Model #L-01400