
CORDLESS ADVANCED COMPOUND MICROSCOPE MODEL LA-01100 *See illustration on page 2*

The microscope model that sets the standard for high school instruction, now with the freedom of battery operated cordless illumination. Includes all the most commonly specified features. Rugged metal construction, locked-on parts. Superior DIN optical system and precision mechanical components assure parfocussed and parcentered optical alignment for sharp, unsurpassed viewing. Utilizes disposable batteries for bright, cool illumination from long-life LED bulbs.

OPTICAL SYSTEM

- Widefield 10x eyepiece with revolving pointer. Accepts optional #S-05200 eyepiece reticle.
- 45° inclined viewing head rotates 360° for easy repositioning of eyepiece and sharing by more than one student.
- DIN 4x, 10x, and 40xR, objectives are achromatic, parfocussed, parcentered, and color coded.
- 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.
- 150 hours of use from 3 standard AA alkaline batteries.
- Easy-access battery compartment.

FOCUSING

- Rack & pinion coarse focus with tension adjustment, slip clutch, separate fine focus.
- Stage moves up or down, eyepiece and body remain fixed.
- Slip clutch prevents damage to focusing system.
- Tension adjustment eliminates stage drift.
- Safety rack stop prevents damage to slides and objective lenses.

STAGE

- Large 110mm x 210 mm stage, with locked-on, spring mounted stage clips, drilled and tapped to accept optional mechanical stage.
- Built in 0.65 condenser lens

FRAME

- Rugged cast metal, gray enamel finish.
- Height 360mm (14-1/8 in.) Net wt. 3.1 kgs (6.8 lbs)

PACKING

- Molded styrofoam container with instruction brochure and vinyl dustcover
- Individual: Ship wt. 4.5 kgs (10 lbs.), Dimensions 550x325x325mm (35x12x18 in.)
- Master carton pack 5 each: Ship wt. 19.5 kgs (43 lbs.), Dimensions 875x300x450mm (35x12x18 in.)

WARRANTY

- Lifetime limited warranty, excluding bulb and batteries.

PARTS & ACCESSORIES

- S-05200 Eyepiece reticle, 10mm/100 div



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