



NATIONAL MODEL 111 INCLINED STUDENT MICROSCOPE

See illustration on page 2.

For superior performance, this intermediate level microscope features the same rugged construction and a full-sized DIN optical system of our popular 130 series. Wider field of view, greater resolution, better light condensing system and larger frame than ordinary elementary microscopes. For instruction from elementary level through grade 8 or 9.

OPTICAL SYSTEM

- Widefield 10x eyepiece with revolving pointer.
- 45° inclined viewing head rotates 360°. Permits stage to remain level when viewing wet slides, allows easy sharing by more than one student.
- Revolving triple nosepiece with positive click stops.
- Achromatic, parcentered, parfocalled DIN standard 4x (0.10N.A.), 10x (0.25N.A.) and 40xR (0.65N.A.) objectives are color-coded.

ILLUMINATION

- Built-in 115v 20-watt electric illuminator with on/off switch, heavy-duty 3-wire cord.

FOCUSING

- Low-position focusing is rack and pinion, with slip clutch to protect mechanism against over-turning.
- Tension adjustment eliminates focusing drift.
- Safety rack stop prevents damage to slides and objective lenses.

STAGE

- Large 110mm x 120mm (4-3/8 in. x 4-3/4 in.) stage with locked-on, spring mounted stage clips.
- 0.65NA condenser lens mounted in stage.
- Calibrated 5-hole disc diaphragm.

FRAME

- Rugged cast metal, gray enamel finish.
- Height 340 mm (13-1/2 in.). Net wt. 2.7 kgs (6 lbs).

PACKING

- Molded styrofoam container with instruction brochure and vinyl dustcover.
- Individual: Ship wt. 4 kgs (9 lbs), Dimensions 550x325x325mm (22x13x13 in.)
- Master carton pack 5 each: Ship wt. 18.1 kgs (40 lbs), Dimensions 900x300x475mm (36x12x19 in.)

WARRANTY

- Lifetime limited warranty, excluding bulb and cord.

PARTS & ACCESSORIES

- 800-102 Replacement bulb, 115v 20-watt tungsten, D.C. medium bayonet base
- 800-102-220v Replacement bulb, 220v 20 watt tungsten, D.C. medium bayonet base



Distributed by:

NATIONAL MODEL 111

the
microscope  *depot*

Sales: 888-777-8835 • Email: sales@m-depot.com

Main: 209-839-2990 • Fax: 888-872-4300

<http://www.microscope-depot.com>