

---

## **TRINOCULAR MICROSCOPE W/PHASE CONTRAST OBJECTIVES**

### **MODEL A-01634** See illustration on page 2.

Superior in design and in performance, the A-01634 incorporates a wide range of features designed for university and laboratory use. Superb optical clarity and reliable mechanical engineering assure years of top performance.

#### **OPTICAL SYSTEM**

- Widefield 10x /18mm eyepiece, pointer standard in one eyepiece. Accepts optional #S-05200 eyepiece reticle.
- Trinocular viewing head with 30° inclined binocular eyepieces with dual diopters and interpupillary adjustment 54mm to 76mm, and vertical monocular tube with third eyepiece, rotates 360°. Vertical tube removes to permit mounting optional SLR or video adaptors. 3-position sliding rod directs light 100% to binocular eyepieces, or 100% to vertical tube, or 70% to vertical tube and 30% to binocular eyepieces.
- DIN standard PLAN PHASE 10x (0.25 N.A.), 20x (0.40 N.A.), 40xR (0.65 N.A.) and 100xR oil immersion (1.25 N.A.) objectives, parfocalled, parcentered and color-coded.
- Quad objective turret is ball-bearing mounted for smooth, precise positioning of objectives, features textured rubber knurling for easy grip. Mounted in reverse position to facilitate ease in changing slides.

#### **ILLUMINATION**

- 12v 20 watt halogen with variable rheostat control.
- Illuminated on/off switch, 3-wire grounded cord and plug.
- 0.5A time delay fuse.

#### **FOCUSING**

- Coaxial coarse and fine focusing controls, coarse has tension adjustment, fine is graduated.

#### **STAGE**

- Large 140mm x 135mm (5-1.2 in. x 5-1/4 in.) stage; 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.
- 1.25 N.A. phase turret condenser mounted in rack & pinion focusing mount, iris diaphragm, swing-out filter holder with clear blue, green and yellow filters supplied. Includes one brightfield observation position. Centering telescope included.

#### **FRAME**

- Rugged cast aluminum, gray enamel finish.
- Base dimensions: 185mm x 235mm (7-1/4 in. x 9-1/4 in.)
- Height : Inclined eyepiece, 380mm (15 in.). Net wt. 7.2 kgs (15.8 lbs).  
Vertical eyepiece, 455mm (18 in.).

#### **PACKING**

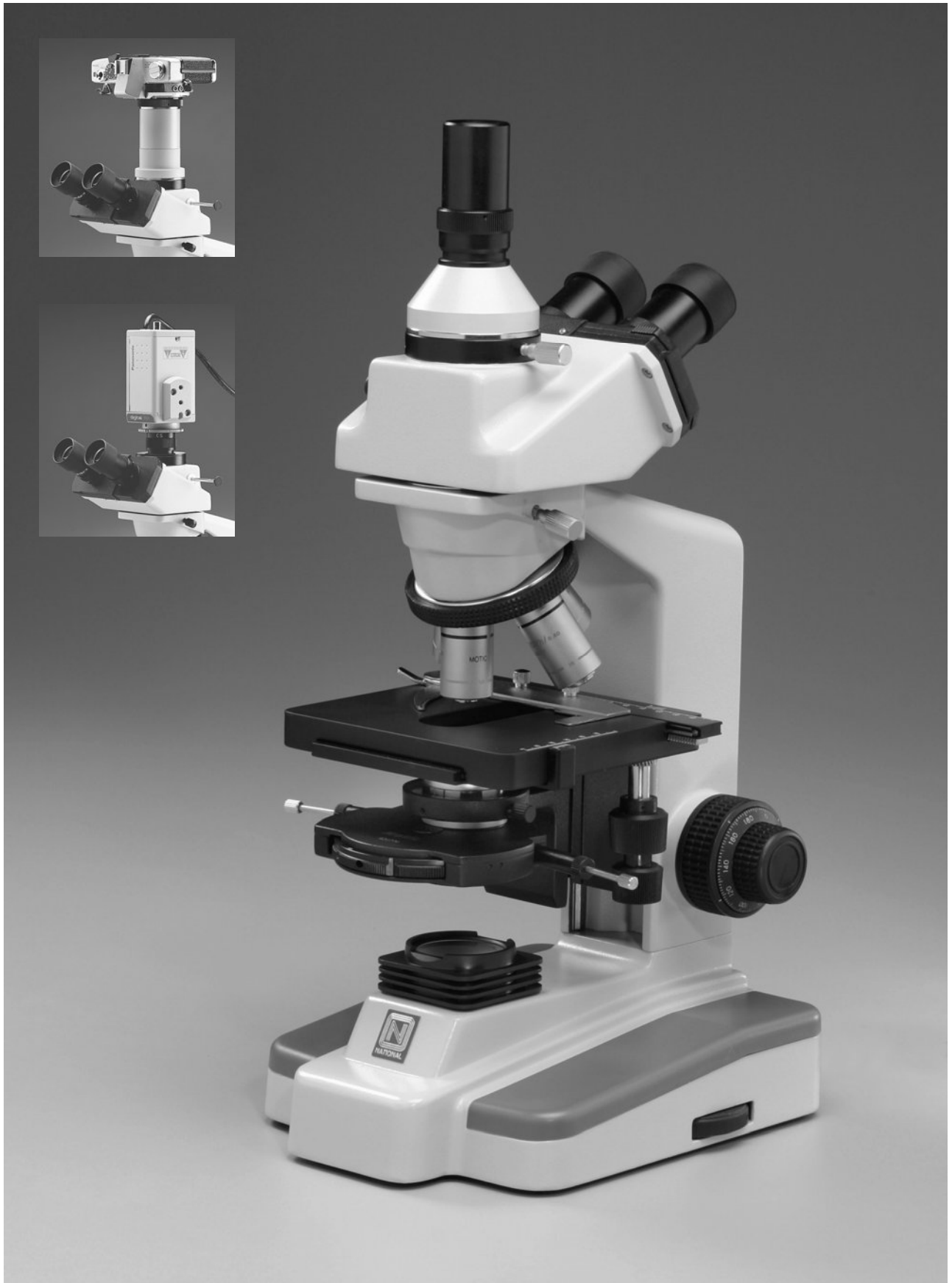
- Head and frame in separate molded styrofoam container with instruction brochure and vinyl dustcover.
- Phase turret condenser, objectives, centering telescope, and filters packed in separate metal storage box
- Individual: Ship wt. 10.87 kgs (24 lbs), Dimensions 550x406x325mm (22x16x13 in.)
- Master carton pack 1 each: Ship wt. 10.87 kgs (24 lbs), Dimensions 550x406x325mm (22x16x13 in.)

#### **WARRANTY**

- Lifetime limited warranty, excluding bulb, cord, and fuse.

#### **PARTS & ACCESSORIES**

- |         |  |
|---------|--|
| S-05707 | Replacement bulb, 12v 20 watt halogen bi-pin   |
| S-05101 | Video C-mount adaptor with 0.5x lens (fits Models A-01630, A-01631, A-01633, A-01634 only) |
| S-05300 | SLR adaptor with 2.5x photo lens (fits Models A-01630, A-01631, A-01633, A-01634 only)     |
| S-05200 | Eyepiece reticle, 10mm/100 div.  |



MODEL #A-01634