
BINOCULAR MICROSCOPE W/PHASE CONTRAST OBJECTIVES

MODEL A-01624 *See illustration on page 2.*

Superior in design and in performance, the A-01624 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 eyepieces, pointer standard in one eyepiece. Accepts optional #S-05200 eyepiece reticle.
- Binocular viewing head with 30° inclined eyepieces, with dual diopters, interpupillary adjustment 54mm to 76mm, rotates 360° for easy sharing by more than one student.
- 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 395mm (15-1/2 in.). Net wt. 6.7 kgs (14.7 lbs)

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. 10.43 kgs (23 lbs), Dimensions 550x406x325mm (22x16x13 in.)
- Master carton pack 1 each: Ship wt. 10.43 kgs (23 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-05200 Eyepiece reticle, 10mm/100 div.



MODEL A-01624 (Note: Illustrated with standard condenser, but A-01624 is supplied with phase condenser lenses and centering mechanism as shown in upper right corner.)