

Boreal Advanced Compound Microscopes

	470177-238	470145-732	470145-590
Eyepiece	10x, 18mm with pointer	10x, 18mm with pointer	10x, 18mm with pointer
Head	45° inclined monocular viewing head, rotates 360°	45° inclined monocular viewing head, rotates 360°	45° inclined dual view head, rotates 360°
Nosepiece	4-hole, click stop, ball-bearing mounted	4-hole, click stop, ball-bearing mounted	4-hole, click stop, ball-bearing mounted
Objectives	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.), 40xR (0.65 N.A.) and 100xR (1.25 N.A.)	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.), 40xR (0.65 N.A.) and 100xR (1.25 N.A.)	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.), 40xR (0.65 N.A.) and 100xR (1.25 N.A.)
Stage	120mm x 120mm (4¾" x 4¾") Built-in mechanical stage with low-position coaxial x-y controls	120mm x 120mm (4¾" x 4¾") Built-in mechanical stage with low-position coaxial x-y controls	120mm x 120mm (4¾" x 4¾") Built-in mechanical stage with low-position coaxial x-y controls
Condenser	1.25 N.A. Abbe Condenser with spiral focusing mount and Iris diaphragm	1.25 N.A. Abbe Condenser with spiral focusing mount and Iris diaphragm	1.25 N.A. Abbe Condenser with spiral focusing mount and Iris diaphragm
Focusing	Separate coarse and fine controls with tension adjustment and slip clutch	Separate coarse and fine controls with tension adjustment and slip clutch	Separate coarse and fine controls with tension adjustment and slip clutch
Illumination	Corded 1W LED	Cordless 1W LED	Corded 1W LED
Replacement Bulb	Item #470005-050	Item #470005-050	Item #470005-050
Electrical	Input 110 Volts	Input 110 Volts	Input 110 Volts
Dimensions	14½" (H) x 5" (W) x 6½" (D)	14½" (H) x 5" (W) x 6½" (D)	14½" (H) x 5" (W) x 6½" (D)
Weight	6.8 lbs. (3.1 kgs)	6.8 lbs. (3.1 kgs)	6.8 lbs. (3.1 kgs)
Warranty	Boreal Lifetime (includes shipping, excludes bulb & fuse)	Boreal Lifetime (includes shipping, excludes bulb & fuse)	Boreal Lifetime (includes shipping, excludes bulb & fuse)

Boreal



**Lifetime
Warranty**

Boreal Microscope Warranty; Best in the Industry

Life-Time Warranty; No-Cost, No Hassle Warranty

Our extraordinary, all inclusive lifetime warranty covers all Boreal Microscope repairs beginning from the day you first receive your Boreal Microscope. It covers any defect in materials or workmanship for the life of the microscope with no restrictions on ownership. If anything goes wrong with your Boreal Microscope (with exception of light bulbs, fuses, routine cleaning and normal wear), we repair or even replace it, if necessary (at our discretion).

All repairs are done by our in-house staff of trained technicians. All repairs are performed at no cost to you. There is no charge for parts or labor. If your Boreal Microscope needs to be shipped back to us, we provide everything you will need to do so. We even cover the cost of shipping and handling - both from you to us, and back. There is never a charge for any of these services.