

Boreal Research Compound Microscopes

	470222-444	470222-446	470222-448	470222-450
Eyepiece	10x, 18mm with pointer	10x, 18mm with pointer	10x, 18mm with pointer	10x, 18mm with pointer
Head	30° inclined forward-facing binocular head	30° inclined forward-facing binocular head	30° inclined forward-facing trinocular head, C-mount adapter included	30° inclined forward-facing trinocular head, C-mount adapter included
Nosepiece	4-hole, click stop, ball-bearing mounted	4-hole, click stop, ball-bearing mounted	4-hole, click stop, ball-bearing mounted	4-hole, click stop, ball-bearing mounted
Objectives	DIN, Semi-Plan, 4x (0.10 N.A.), 10x (0.25 N.A.), 40xR (0.65 N.A.) and 100xR (1.25 N.A.)	DIN, Super High Contrast, 4x (0.10 N.A.), 10x (0.25 N.A.), 40xR (0.65 N.A.) and 100xR (1.25 N.A.)	DIN, Semi-Plan, 4x (0.10 N.A.), 10x (0.25 N.A.), 40xR (0.65 N.A.) and 100xR (1.25 N.A.)	DIN, Super High Contrast, 4x (0.10 N.A.), 10x (0.25 N.A.), 40xR (0.65 N.A.) and 100xR (1.25 N.A.)
Stage	Large 140mm x 135mm (5½" x 5½") rackless mechanical stage	Large 140mm x 135mm (5½" x 5½") rackless mechanical stage	Large 140mm x 135mm (5½" x 5½") rackless mechanical stage	Large 140mm x 135mm (5½" x 5½") rackless mechanical stage
Condenser	1.25 N.A. Abbe Condenser with rack and pinion focusing and Iris diaphragm	1.25 N.A. Abbe Condenser with rack and pinion focusing and Iris diaphragm	1.25 N.A. Abbe Condenser with rack and pinion focusing and Iris diaphragm	1.25 N.A. Abbe Condenser with rack and pinion focusing and Iris diaphragm
Focusing	Coaxial coarse and fine focusing with coarse tension adjustment and graduated fine focus	Coaxial coarse and fine focusing with coarse tension adjustment and graduated fine focus	Coaxial coarse and fine focusing with coarse tension adjustment and graduated fine focus	Coaxial coarse and fine focusing with coarse tension adjustment and graduated fine focus
Illumination	Corded 3W LED	Corded 3W LED	Corded 3W LED	Corded 3W LED
Electrical	110V–220V external auto-switching power supply	110V–220V external auto-switching power supply	110V–220V external auto-switching power supply	110V–220V external auto-switching power supply
Dimensions	16½" (H) x 7¼" (W) x 9¼" (D)	16½" (H) x 7¼" (W) x 9¼" (D)	16½" (H) x 7¼" (W) x 9¼" (D)	16½" (H) x 7¼" (W) x 9¼" (D)
Weight	13.9 lbs. (6.3 kgs)	13.9 lbs. (6.3 kgs)	13.9 lbs. (6.3 kgs)	13.9 lbs. (6.3 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 (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.