

# Boreal Standard Compound Microscopes

	470145-714	470177-090	470145-716	470014-588	470135-366	470177-148	470145-560
<b>Eyepiece</b>	10x, 18mm with pointer	10x, 18mm with pointer	10x, 18mm with pointer	10x, 18mm with pointer	10x, 18mm with pointer	10x, 18mm with pointer	10x, 18mm with pointer
<b>Head</b>	45° inclined monocular viewing head, rotates 360°	45° inclined monocular viewing head, rotates 360°	45° inclined monocular viewing head, rotates 360°	45° inclined monocular viewing head, rotates 360°	45° inclined monocular viewing head, rotates 360°	45° inclined monocular viewing head, rotates 360°	45° inclined dual view head, rotates 360°
<b>Nosepiece</b>	3-hole, click stop, ball-bearing mounted	3-hole, click stop, ball-bearing mounted	3-hole, click stop, ball-bearing mounted	3-hole, click stop, ball-bearing mounted	3-hole, click stop, ball-bearing mounted	4-hole, click stop, ball-bearing mounted	3-hole, click stop, ball-bearing mounted
<b>Objectives</b>	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.) and 40xR (0.65 N.A.)	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.) and 40xR (0.65 N.A.)	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.) and 40xR (0.65 N.A.)	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.) and 40xR (0.65 N.A.)	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.) and 40xR (0.65 N.A.)	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.) and 40xR (0.65 N.A.)	DIN, achromat, 4x (0.10 N.A.), 10x (0.25 N.A.) and 40xR (0.65 N.A.)
<b>Stage</b>	110mm x 120mm (4 $\frac{3}{8}$ " x 4 $\frac{3}{4}$ ") stage, with locked-on spring mounted stage clips, drilled and tapped to accept optional mechanical stage	110mm x 120mm (4 $\frac{3}{8}$ " x 4 $\frac{3}{4}$ ") stage, with locked-on spring mounted stage clips, drilled and tapped to accept optional mechanical stage	110mm x 120mm (4 $\frac{3}{8}$ " x 4 $\frac{3}{4}$ ") stage, with locked-on spring mounted stage clips, Mechanical stage Included	110mm x 120mm (4 $\frac{3}{8}$ " x 4 $\frac{3}{4}$ ") stage, with locked-on spring mounted stage clips, Mechanical stage Included	110mm x 120mm (4 $\frac{3}{8}$ " x 4 $\frac{3}{4}$ ") stage, with locked-on spring mounted stage clips, drilled and tapped to accept optional mechanical stage	120mm x 120mm (4 $\frac{3}{8}$ " x 4 $\frac{3}{8}$ ") Built-in mechanical stage with low-position coaxial x-y controls	110mm x 120mm (4 $\frac{3}{8}$ " x 4 $\frac{3}{4}$ ") stage, with locked-on spring mounted stage clips, drilled and tapped to accept optional mechanical stage
<b>Condenser</b>	Built-in 0.65 N.A. condenser lens, Iris diaphragm	Built-in 0.65 N.A. condenser lens, Iris diaphragm	Built-in 0.65 N.A. condenser lens, Iris diaphragm	Built-in 0.65 N.A. condenser lens, Iris diaphragm	Built-in 0.65 N.A. condenser lens, Iris diaphragm	1.25 N.A. Abbe Condenser with spiral focusing mount and Iris diaphragm	Built-in 0.65 N.A. condenser lens, Iris diaphragm
<b>Focusing</b>	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	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	Separate coarse and fine controls with tension adjustment and slip clutch
<b>Illumination</b>	20W Tungsten	Corded 1W LED	20W Tungsten	Cordless 1W LED	Cordless 1W LED	Corded 1W LED	Corded 1W LED
<b>Replacement Bulb</b>	Item #470021-694	Item #470005-050	Item #470021-694	Item #470005-050	Item #470005-050	Item #470005-050	Item #470005-050
<b>Electrical</b>	Input 110 Volts	Input 110 Volts	Input 110 Volts	Input 110 Volts	Input 110 Volts	Input 110 Volts	Input 110 Volts
<b>Dimensions</b>	14 $\frac{1}{2}$ " (H) x 5" (W) x 6 $\frac{1}{2}$ " (D)	14 $\frac{1}{2}$ " (H) x 5" (W) x 6 $\frac{1}{2}$ " (D)	14 $\frac{1}{2}$ " (H) x 5" (W) x 6 $\frac{1}{2}$ " (D)	14 $\frac{1}{2}$ " (H) x 5" (W) x 6 $\frac{1}{2}$ " (D)	14 $\frac{1}{2}$ " (H) x 5" (W) x 6 $\frac{1}{2}$ " (D)	14 $\frac{1}{2}$ " (H) x 5" (W) x 6 $\frac{1}{2}$ " (D)	14 $\frac{1}{2}$ " (H) x 5" (W) x 6 $\frac{1}{2}$ " (D)
<b>Weight</b>	6.8 lbs. (3.1 kgs)	6.8 lbs. (3.1 kgs)	6.8 lbs. (3.1 kgs)	6.8 lbs. (3.1 kgs)	6.8 lbs. (3.1 kgs)	6.8 lbs. (3.1 kgs)	6.8 lbs. (3.1 kgs)
<b>Warranty</b>	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 (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.*