

Boreal2 AP Series Research Compound Microscope

	470014-534
Optical system	Finite Optical System, 160mm
Observation tube	Trinocular head, siedentopf type
Interpupillary distance	55-75mm
Inclination	30 inclined, 360 rotating
Eyepiece(s)	WF 10X / 20mm
Nosepiece	Reversed quadruple revolving nosepiece with click stops
Objective classification	ASC Achromatic Super Contrast, DIN
Objective information	4X / 0.10 (WD 17mm), 10X / 0.25 (6.4mm), 40X / 0.65/S (WD 045mm), 100 / 1.25/S (WD 0.14)
Objective mounting thread	W 4/5" x 1/36" (RMS standard)
Stage	Built-in low position coaxial mechanical stage with sample holder
Stage size	140 x 135mm
Mechanical stage X & Y range	77 x 50mm
Upper limit stop	Preset but adjustable
Condenser	Focusable and centrable 1.25 N.A. Abbe Condenser with iris diaphragm and filter holder
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2um minimum increment
Z-axis movement	19mm
Illumination	LED 3W Koehler illumination with intensity control
Replacement bulb	Ward's item #470330-974
Transformer	Internal
Power supply	220V
Length x Width x Height	260 x 175 x 354
Weight (kg)	5.7 kg