

Model	BA210S Binocular	BA210S Trinocular
Optical System	Infinity Optical System	Infinity Optical System
Observation tube	Binocular Head Siedentopf type	Trinocular Head Siedentopf type, Light split 80/20, 100/0
Inclination	30° inclined, 360° rotating	30° inclined, 360° rotating
Interpupillary distance	55-75mm	55-75mm
Diopter adjustment	On both tubes, +/- 5 diopter	On both tubes, +/- 5 diopter
Eyepiece	WF10X/20mm	WF10X/20mm
Nosepiece	Reverse quadruple revolving nosepiece with click stops	Reverse quadruple revolving nosepiece with click stops
Objective classification	ASC Infinity Plan Achromat	ASC Infinity Plan Achromat
Objectives	4X/0.10 (DT 17mm), 10X/0.25 (DT 6.4mm), 40X/0.65/S (DT 0.45mm),	4X/0.10 (DT 17mm), 10X/0.25 (DT 6.4mm), 40X/0.65/S (DT 0.45mm),
Objective mounting thread	W 4/5" x 1/36" (RMS standard)	W 4/5" x 1/36" (RMS standard)
Mechanical stage	Built-in low position coaxial mechanical stage with sample holder	Built-in low position coaxial mechanical stage with sample holder
Stage size Mechanical Stage X&Y	140mm x 135mm	140mm x 135mm
Range	76 x 40mm	76 x 40mm
Upper limit stop	Pre-set and adjustable	Pre-set and adjustable
Condenser	Rack and pinion Abbe 1.25 N.A. with iris diaphragm	Rack and pinion Abbe 1.25 N.A. with iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm minimum increment	2µm minimum increment
Z-Axis movement	20mm	20mm
Filter	Built-in frosted glass, no blue filter needed	Built-in frosted glass, no blue filter needed
Illumination	LED 3W with intensity control	LED 3W with intensity control
Transformer	Internal	Internal
Power supply	Universal 100 - 240V 50 - 60Hz	Universal 100 - 240V 50 - 60Hz
Accessories included	Dust cover and immersion oil (5ml)	Dust cover and immersion oil (5ml)
Length x Width x Height	360x190x395mm	360x190x395mm