



Research Scope with Trinocular Head & Infinity Semi Plan Objectives

Model # T-29045 / T-29045-230

Detailed Specifications (August 2009)

Head	Eyepieces	2 – WF10x 20mm with EyeGlass Guards eyepiece coating for humidity and poor climate	
	Eyepiece Pointer		
	Eyepiece tubes	2 – 1 Variable adjustment \pm 0.50X for varied eye strengths.	
	Trinocular with 30° incline opposing view	2 – 30° Angle 360° rotation attach the 2 eyepieces	
Frame	Aluminum Single Cast Body	Research based stable all metal construction	
	Illumination	Halogen tungsten bulb, 12V 20W AC 85V – 240V; input Adjustable (variable) brightness	
	Collector	High bright Kohler illumination	
Optics	Nosepiece	Reversed 4 hole nosepiece with 4 position ball bearing action stop; 360° full rotation	
	Objectives	4 – lead free, humidity and climate protected by special coating; manufactured according to DIN: Inifinity Semi Plan Achromatic 4x N.A. 0.10, Inifinity Semi Plan Achromatic 10x N.A. 0.25, Inifinity Semi Plan Achromatic 40x N.A. 0.65 (with built-in spring action tip to avoid crushing of specimen) and 100x (spring loaded) oil N.A 1.25	
Stage	Mechanical Lower Position	Double Layer mechanical stage 180mm X 150mm; movement range 75mm X 50mm vernier X/Y with scratch resistant coating	
	Condenser	Factory centered 1.25 with rack and pinion, set screw adjustments, filter holder and filters	
Focus	Coaxial Coarse and Fine	Low position coaxial focus with left or right hand low drive control; with rotating mechanism and torque adjustment .75 course rotation from minimum to maximum stage height. Fine 0.002mm per unit scale mechanism, ergonomic scale on both fine and course focus knobs.	
Optional upgrades	Viewing Heads	Binocular Head	
	Eyepiece	WF5x, WF20x	
	Objectives	Achromatic Objective	4x, 10x, 20x, 40x(S), 60x(S), 100x(S) Oil
		Semi-Plan Objective	4x, 10x, 20x, 40x(S), 60x(S), 100x(S) Oil
		Plan Objective	4x, 10x, 20x, 40x(S), 60x(S), 100x(S) Oil
		Infinity Achromatic	4x, 10x, 20x, 40x(S), 60x(S), 100x(S) Oil
		Infinity Semi-Plan	20x, 60x(S)
		Infinity Plan	4x, 10x, 20x, 40x(S), 60x(S), 100x(S) Oil
	Turret Phase Contrast	Attachment for Research 29 series	
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	Carry Case for Research series	Padded and locked	
	5 hole Nose Piece	For Research 29 series Attachment	
Packing	Boxing	Two inner cartons in one outer carton	
	Protective Cover	Durable Clear Dust cover with Ken-A-Vision logo	
Certificates	Quality Certificates	ISO:9001–2000	
	Local Certificates	CE, CSA, RoHS	
	Warranty Guarantee	10 Years against manufacturing faults	