



Comprehensive Scope 2
Dual Purpose
Dual View Head

NEW



Model # T-19321C / T-19321C-230

Detailed Specifications (June 2013)

Head	Eyepieces	2- WF10x 19mm eyepiece with built-in coating for humidity and poor climate; 1 with pointer; all fixed to avoid loss and damage	
	Eyepiece Tubes	1 - Variable adjustment $\pm 0.20x$ for varied eye strengths.	
	Dual View with 45° incline opposing view	45° Angle 360° rotation head with 2 eyepieces - comfortable for 2 student or teacher viewing	
Frame	Aluminum Single Cast	"Y" shape base for ideal research application	
	Integrated Stow and Go Handle™	Retractable Handle for transport are integrated into the body of the unit.	
	Integrated storage	Storage compartment with built-in receptacle for the external power supply	
	"Table Guard" protection base	Base outlined with resilient polymer to avoid daily damage to the Microscope or the surroundings	
	Illumination	Ken-A-Vision LED cool lighting source with very long life (12,000+ hours), on/off switch, and dimmer rheostat. On/off switch and dimmer are separate, dimmer rheostat is low position light control	
	Upper Illuminator	Upper light for Opaque and multi-dimensional specimens	
	Power	Low voltage external power supply 120 ~ 240V $\pm 500mA$ (stored in frame) detachable	
Optics	Nose Piece	Reversed 4 hole nose piece 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: Achromat 2x N.A. 0.05, Achromat 4x N.A. 0.10, Achromat 10x N.A. 0.25, Achromat 40x(S) N.A. 0.65 (with built-in spring action tip to avoid crushing of specimen).	
Stage	Floating Stage	12cm x12 cm x .7cm modular attachment to frame 2 spring loaded clips for slides; 50mm working distance	
	Focus	Low position coaxial focus with left or right hand low drive control; with rotating mechanism and torque adjustment 1 coarse rotation from minimum to maximum stage height. Fine 0.002mm per unit scale mechanism, rubber grips on both fine and coarse focus knobs; Fine focusing scale value 0.002mm	
Optional upgrades	Viewing Head	Monocular Head	
		Compensation Free Binocular Head	
		Compensation Free Trinocular Head	
		Monocular Digital Head	
	Eyepiece	WF 16x, WF 20x	
		Achromatic Objective	20x, 60x(S), 100x(S) Oil
		Plan Objective	4x, 10x, 20x, 40x(S), 60x(S), 100x(S) Oil
		Semi-Plan Objective	4x, 10x, 20x, 40x(S), 60x(S), 100x(S) Oil
Illumination	Halogen bulb 6v/20W, Adjustable Brightness		
Packing	Boxing	Two inner cartons in one outer carton	
	Protective Cover	Durable Clear Dust cover with Ken-A-Vision logo	
	Weights and Dims	15lbs/6.8kgs - 20" X 16" X 13"/50.8cm X 40.64cm X 33.02cm	
Certificates	Patents	Multiple Patents Pending	
	Quality Certificates	ISO:9001--2000	
	Local Certificates	CE, CSA, RoHS	
	Warranty Guarantee	10 Years against manufacturing faults	