

Digital CoreScope

T-1754



Detailed Specifications (January 2011)

Head	Eyepieces	1-WF10x eyepiece with pointer; all fixed to avoid loss and damage
	Eyepiece Tubes	1 – Variable diopter adjustment $\pm 0.20x$ for optical vs camera focusing
	Mounted Digital Camera with Monocular 30° incline View Tube	1 -- 30° Angle attached eyepiece comfortable student or teacher viewing with built in USB 2.0 at 1.3 Mega pixel resolution camera with USB Jack for direct connection to computer.
Camera	HD Camera	HD 720P / 1.3 (1,300,000) pixel CMOS camera array, color corrected for microscopic application, USB 2.0 (USB 1.1 backward compliant) field corrected to match eyepiece view
	Compatibility	UVC (Universal Video Class) for true plug and play compatibility with Windows, Macintosh and Linux OS systems
	Power	Low power supplied by USB connection of computer ± 4.0 Volts 250mA light indicator when on at the base
	Built-in	Mounted into monocular head
	Cable	Factory installed USB 2.0; 1.8m A type connection
Frame	Aluminum Single Cast	
	Illumination	Patented 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
	Power	Low voltage power through USB connection to computer
Optics	Nose Piece	Reversed 3 hole nose piece with 3 position ball bearing action stop, 360 full rotation
	Objectives	4x, 10x, 40xS DIN
Stage	Round Floating Stage w/Side Clips	9.7cm diameter modular attachment to frame; 2 spring loaded slide clips
	Focus	Coaxial focus with left or right hand low drive control. Rubber grips on both fine and coarse focus knobs.
Packing	Boxing	Two inner cartons in one outer carton
	Protective Cover	Durable Clear Dust cover with KAV logo
	Weights and Dims	4lbs / 2kgs - 6" X 4" X 11" / 15.2cm X 10.2cm X 28cm
Certificates	Patents	Multiple Patents Pending
	Quality Certificates	ISO:9001--2000
	Local Certificates	CE, CSA, RoHS
	Warranty Guarantee	10 Years on microscope against manufacturing faults; 1 Year on camera