



Focus™ Contour Projector®

Focus Contour Projectors are high quality, full-function 14" optical comparators with the most advanced technology available.

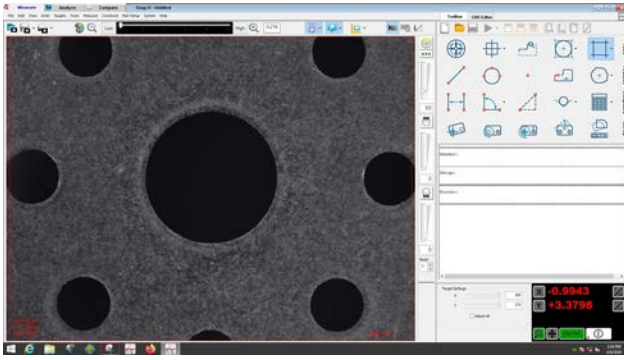
- Exclusive TruLight® all-LED illumination
- Built for real world, shop environments with rigid, all steel construction and solid metal castings
- Optional VidiProbe video measurement

Advanced Benchtop Comparator Technology for Increased Value

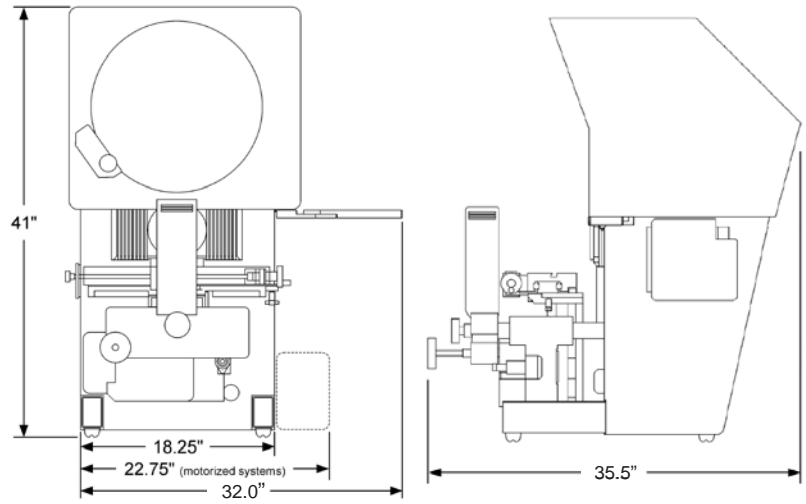


*Shown with optional motorized X,Y stages

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Transform the traditional optical comparator into a fully automatic inspection system with VidiProbe and SNAP-X™ software. A digital megapixel video camera is installed in the lens turret. When video measurement is needed, simply select the video lens position for fully automatic video measurements.



System Weight: 335 lb
Shipping Weight: 650 lb

	Standard	Optional
XY Travel Range	12" x 5"	15" x 5"
Helix Angle Range	±6.5° with pivoting worktable assembly and zero stop	
Z Focus Travel	1.5" with precision fine adjustment	1.25", with optional oblique ringlight
Throat Clearance	8.8"	8.1", with optional oblique ringlight
XY Scale Resolution	0.00004"	0.00002"
XY Drive System	Manual, with quick release X-axis and fine adjustment knob in X	Motorized with variable speed joystick control and manual fine adjustments
Worktable	Hardcoat anodized aluminum with fixturing slot, 16" x 4.75"	
Recommended Maximum Load Capacity	45 lb	
Optical System	Telecentric, with upright, reversed image	
Optical Options		Adjustable direct projection iris; Overscreen Fresnel lens; High performance collimator; Surface concentrator (requires optional surface light); VidiProbe video automation package
Edge Detection		Projector® internal automatic edge detection
Screen	16" diameter, 14" viewable ground glass screen, with integral hood, 90° centerlines and clips for mounting overlay charts	
Protractor	Digital screen display, ± 360° readout with 1' (0.017°) resolution	
Working Distance	3.9"	
Lens	10X Projection lens	20X 31.25X 50X 100X
Lens Mount	Three position lens turret, manual, internal, with magnification display	
Illumination	Profile light: High-brightness green LED with continuously variable intensity control	Oblique (Dark Field), Ring Light with 8 white LEDs, 6 switch-selectable patterns for effective directional lighting; continuously variable intensity Through-the-lens coaxial surface light, white brightfield, LED, continuously variable intensity
Electronics	QVI Q-Check®	Q-Touch
Software		SNAP-X Measure (included with VidiProbe); SNAP-X Compare (requires VidiProbe); SNAP-X Analyze (requires VidiProbe); eChek™ for automated CNC measurement; E-SPC; SmartReport
Accessories		Overhead light shield; Fixture and calibration reticles; Overlay charts; Heavy duty cabinet stand with storage space; Ergonomic, motorized adjustable height stand
Power Requirements	100-120 VAC or 200-240 VAC, 50/60 Hz, 1φ, 400W	
Operating Environment, Safe Operation	15 - 30 °C	



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