

Focus™ Contour Projector®

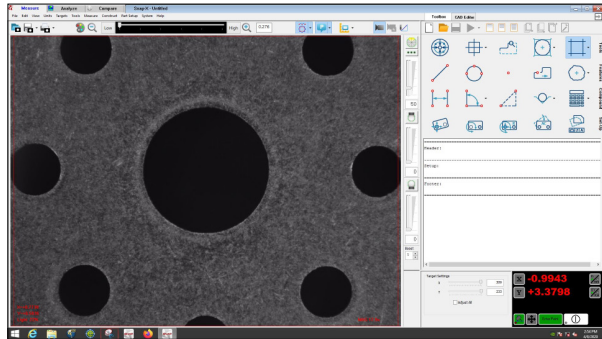
Focus Contour Projectors are high quality, full-function 14" optical comparators with the most advanced technology available.

- 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

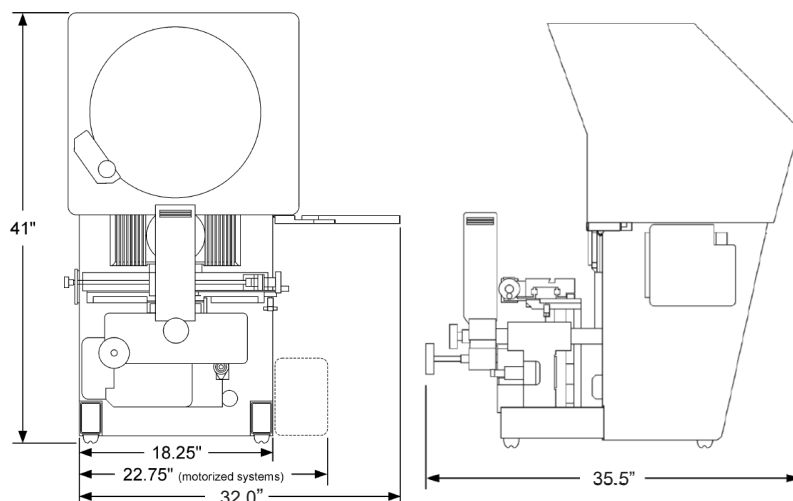


Shown with optional motorized stage.



Transform the traditional optical comparator into a fully automatic inspection system with optional VidiProbe and Measure-X® software. The video camera is internally mounted to enable simultaneous measurements using both the analog comparator screen and the digital video with Measure-X.

Focus™ Contour Projector®



System Weight: 335 lb
Shipping Weight: 650 lb

	Standard	Optional
XY Travel Range	12" x 5"	
Helix Angle Range	± 6.5° with pivoting worktable assembly and zero stop	
Z Focus Travel	1.25" with precision fine adjustment	
Throat Clearance	8.1"	
XY Scale Resolution	0.00004"	
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 Options¹		Adjustable direct projection iris; Overscreen Fresnel lens; High performance profile light collimator; Surface concentrator (requires optional surface light); VidiProbe video automation package
Edge Detection²		Projectron® 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, 20x, 31.25x, 50x, 100x
Lens Mount	Three position lens turret, manual, internal, with magnification display	
Illumination	ALL LED with continuously variable intensity green profile light, white through-the-lens coaxial surface light, and oblique (dark field) ring light with 8 white sectors and 6 switch-selectable patterns	
DRO	Q-Check®	
Software		Measure-X Measure and Compare (included with VidiProbe) Measure-X Analyze (optional with VidiProbe) Measure-X Offline OGP® EVOLVE® SPC
Accessories		Rotary indexer; 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, 1 phase, 800 W	
Safe Operating Environment	15-30 °C, non-condensing	

¹High performance profile light collimator and surface concentrator for use with lenses of 50x magnification and higher

²Projectron intended for use with lenses of 50x magnification and lower



Confidence. When Results Matter.™

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