

## Focus™ Contour Projector®

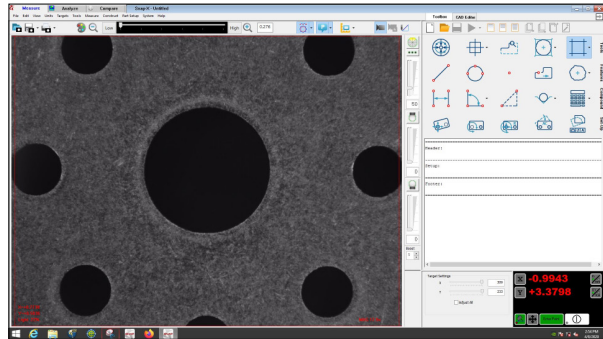
**Focus Contour Projectors** are high quality, full-function 14" optical comparators with the most advanced technology available.

- 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

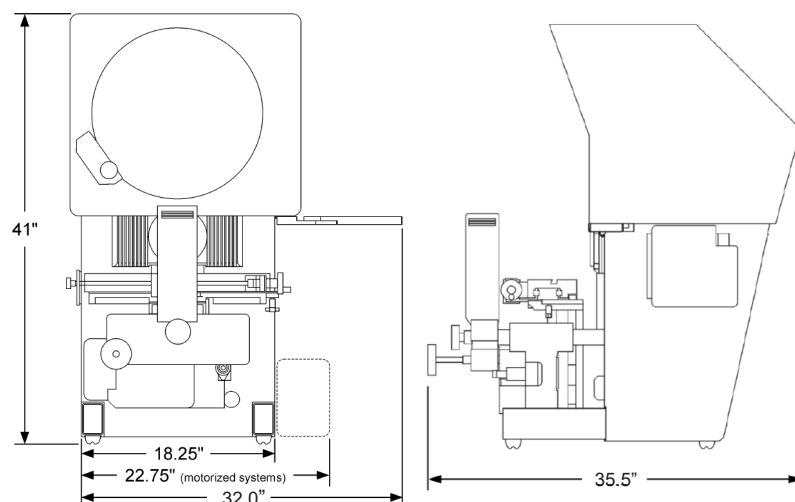


Shown with optional motorized stage.



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
<b>XY Travel Range</b>	12" x 5"	
<b>Helix Angle Range</b>	± 6.5° with pivoting worktable assembly and zero stop	
<b>Z Focus Travel</b>	1.25" with precision fine adjustment	
<b>Throat Clearance</b>	8.1"	
<b>XY Scale Resolution</b>	0.00004"	
<b>XY Drive System</b>	Manual, with quick release X-axis and fine adjustment knob in X	Motorized with variable speed joystick control and manual fine adjustments
<b>Worktable</b>	Hardcoat anodized aluminum with fixturing slot, 16" x 4.75"	
<b>Recommended Maximum Load Capacity</b>	45 lb	
<b>Optical System</b>	Telecentric, with upright, reversed image	
<b>Optical Options¹</b>		Adjustable direct projection iris; Overscreen Fresnel lens; High performance profile light collimator; Surface concentrator (requires optional surface light); VidiProbe video automation package
<b>Edge Detection²</b>		Projectron® internal automatic edge detection
<b>Screen</b>	16" diameter, 14" viewable ground glass screen, with integral hood, 90° centerlines and clips for mounting overlay charts	
<b>Protractor</b>	Digital screen display, ± 360° readout with 1' (0.017°) resolution	
<b>Working Distance</b>	3.9"	
<b>Lens</b>		10x, 20x, 31.25x, 50x, 100x
<b>Lens Mount</b>	Three position lens turret, manual, internal, with magnification display	
<b>Illumination</b>	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	
<b>DRO</b>	Q-Check®	
<b>Software</b>		Measure-X Measure and Compare (included with VidiProbe) Measure-X Analyze (optional with VidiProbe) Measure-X Offline OGP® EVOLVE® SPC
<b>Accessories</b>		Rotary indexer; Overhead light shield; Fixture and calibration reticles; Overlay charts; Heavy duty cabinet stand with storage space; Ergonomic, motorized adjustable height stand
<b>Power Requirements</b>	100-120 VAC or 200-240 VAC, 50/60 Hz, 1 phase, 400W	
<b>Safe Operating Environment</b>	15-30 °C, non-condensing	

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

²Projection intended for use with lenses of 50X magnification and lower



Confidence. When Results Matter.™

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