



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

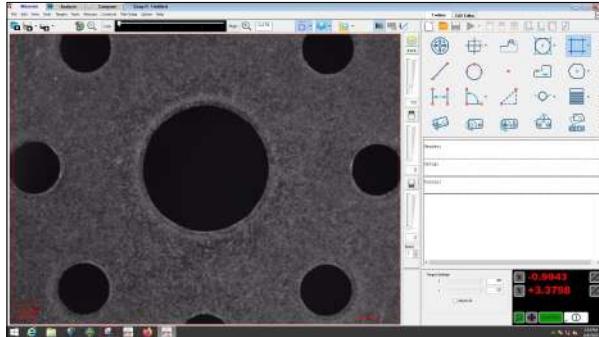
- Exclusive TruLight® all-LED illumination
- Built for real world, shop environments with rigid, all steel construction and solid metal castings
- Optional VidiProbe video measurement

## Advanced Benchtop Comparator Technology for Increased Value

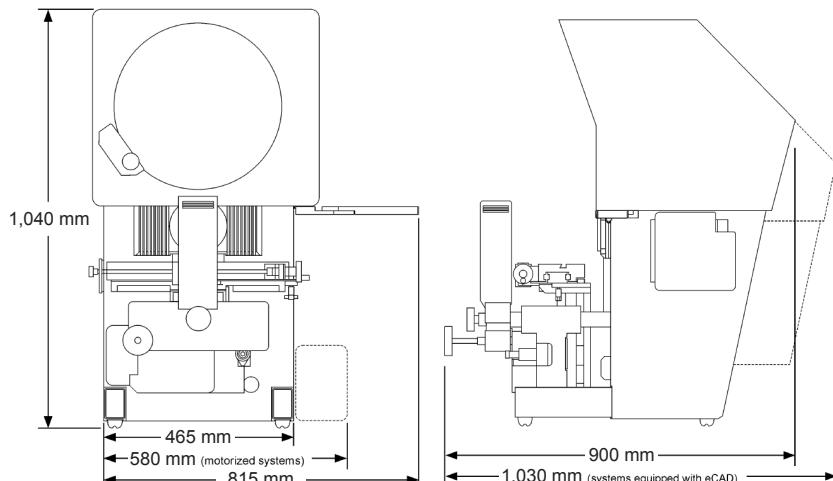


\*Shown with optional motorized X,Y stages

# Focus™ Contour Projector®



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: 155 kg  
Shipping Weight: 300 kg

	Standard	Optional
<b>XY Travel Range</b>	300 mm x 125 mm	380 mm x 125 mm
<b>Helix Angle Range</b>	±6.5° with pivoting worktable assembly and zero stop	
<b>Z Focus Travel</b>	38 mm with precision fine adjustment	32 mm, with optional oblique ringlight
<b>Throat Clearance</b>	225 mm	205 mm, with optional oblique ringlight
<b>XY Scale Resolution</b>	1.0 µm	0.5 µm
<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, 400 mm x 120 mm	
<b>Recommended Maximum Load Capacity</b>	20 kg	
<b>Optical System</b>	Telecentric, with upright, reversed image	
<b>Optical Options</b>		Adjustable direct projection iris; Overscreen Fresnel lens; High performance collimator; Surface concentrator (requires optional surface light); VidiProbe video automation package
<b>Edge Detection</b>		Projectron® internal automatic edge detection
<b>Screen</b>	400 mm diameter, 350 mm 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>	95 mm	
<b>Lens</b>	10X Projection lens	20X   31.25X   50X   100X
<b>Lens Mount</b>	Three position lens turret, manual, internal, with magnification display	
<b>Illumination</b>	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
<b>Electronics</b>	Q-Check®	Q-Touch
<b>Software</b>		SNAP-X Measure and Compare (included with VidiProbe) SNAP-X Analyze (optional with VidiProbe) SNAP-X Offline eChek™ EVOLVE™ SPC
<b>Accessories</b>		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, 1φ, 400W	
<b>Operating Environment, Safe Operation</b>	15-30 °C	



Confidence. When Results Matter.™

**World Headquarters:** Rochester, NY, USA • 585.544.0400 • [www.ogpnet.com](http://www.ogpnet.com)

**OGP Shanghai Co, Ltd:** Shanghai, China

86.21.5045.8383/8989 • [www.smartscope.com.cn](http://www.smartscope.com.cn)

**OGP Messtechnik GmbH:** Hofheim-Wallau, Germany

49.6122.9968.0 • [www.ogpmesstechnik.de](http://www.ogpmesstechnik.de)

**Optical Gaging (S) Pte Ltd:** Singapore • 65.6741.8880 • [www.smartscope.com.sg](http://www.smartscope.com.sg)