



Focus™ Contour Projector®

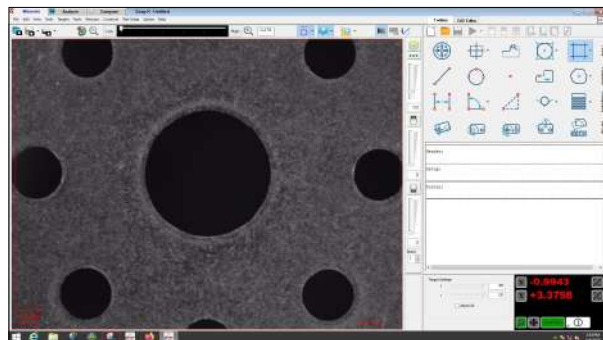
Focus Contour Projectors are high quality, full-function 14" optical comparators with the most advanced technology available.

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

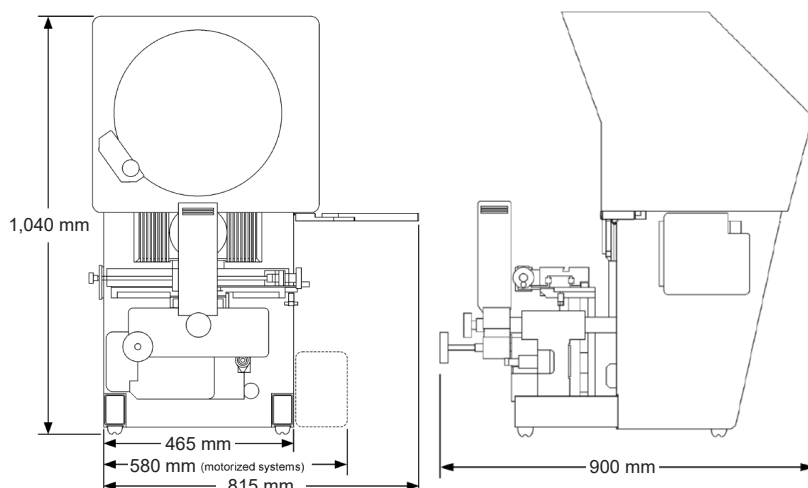
Advanced Benchtop Comparator Technology for Increased Value



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.



System Weight: 155 kg
Shipping Weight: 300 kg

	Standard	Optional
XY Travel Range	300 mm x 125 mm	
Helix Angle Range	± 6.5° with pivoting worktable assembly and zero stop	
Z Focus Travel	32 mm with precision fine adjustment	
Throat Clearance	205 mm	
XY Scale Resolution	1.0 µm	
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, 400 mm x 120 mm	
Recommended Maximum Load Capacity	20 kg	
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	400 mm diameter, 350 mm 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	95 mm	
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 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
This equipment complies with EMC directive EN IEC 61326-1, Class A.



World Headquarters: Rochester, NY, USA • 585.544.0400 • www.ogpnet.com

OGP Shanghai Co, Ltd: Shanghai, China
86.21.5045.8383/8989 • www.smartscope.com.cn

OGP Messtechnik GmbH: Hofheim-Wallau, Germany
49.6122.9968.0 • www.ogpmesstechnik.de

Optical Gaging (S) Pte Ltd: Singapore • 65.6741.8880 • www.smartscope.com.sg

© 2023 Quality Vision International Inc. Specifications subject to change without notice. All rights reserved. Trademarks are the properties of their respective owners.
Export of this product is controlled under U.S. Export Regulations. An Export License may be required for deliveries or re-export outside the United States. Part Number 794139-0523