

Certified
CP
Comparator
Products

CC-14L Contour Projector®

The CC-14L is a small footprint, benchtop optical comparator designed for quality measurement on the shop floor. CC-14L provides a range of innovative options allowing you to configure a system to your specific needs.

- Conveniently angled and evenly illuminated 14" diameter screen
- Heavy cast mineral composite base isolates vibration for shop floor use
- Exclusive TruLight® all-LED illumination

Proudly designed and manufactured in
the United States of America



High Performance Optical Comparator at a Low Price



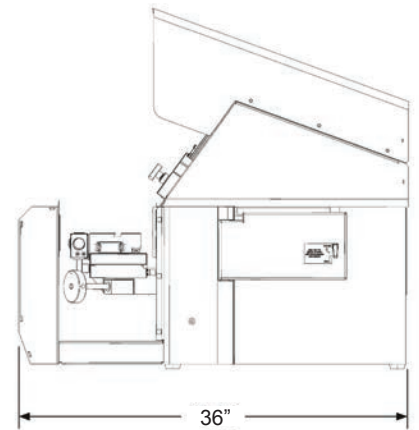
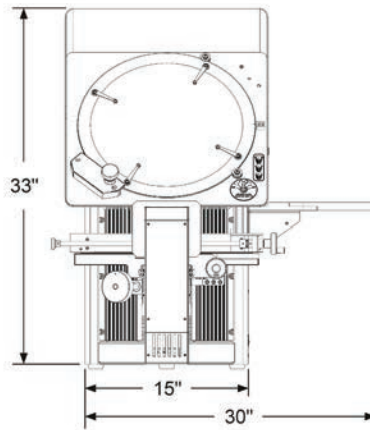
CC-14L Contour Projector

Available Options and Accessories:

- Adjustable direct projection iris
- External optical edge detection
- Fixture and calibration reticles
- Overscreen light shield
- Glass and plastic overlay charts
- Heavy duty cabinet stand with storage space
- Ergonomic, motorized adjustable height stand
- Service and support contracts

Optional Software:

- MeasureFit® Plus
- SmartReport® with real-time statistics
- Quadra-Chek® QC-Wedge (requires Microsoft® Excel™)



System Weight: 375 lb

	Standard	Optional
XY Travel Range	12" x 4"	
Focus Travel (Z)	1.5" with precision fine adjustment	
XY Positioning	Precision, with heavy duty substage for vertical motion	
Throat Clearance	8.5"	
XY Scale Resolution	0.00004"	0.00002"
XY Drive System	Manual, with quick release X-axis and fine adjustment knobs in X and Y	
Worktable	Precision machined aluminum with fixturing slot, 16" x 4.75"	
Recommended Maximum Load Capacity	45 lb	
Optical System	Telecentric, horizontal, with inverted, reversed image	
Screen Size	14" diameter screen, with integral hood	
Screen Type	Ground glass with 90° centerlines and clips for mounting 14" overlay charts	
Protractor	Digital screen display, ± 360° readout with 1' (0.017") resolution	
Working Distance	3.4"	
Lens	10X Projection lens	20X, 31.25X, 50X, 100X
Lens Mount	Internal, manual, quick-change lens mount and storage rack with locking access door	
Illumination	Profile light: High-brightness green LED with continuously variable intensity control	Oblique (Dark Field): Ring Light with 8 LEDs, 6 switch-selectable patterns for effective directional lighting; continuously variable intensity
Electronics	Choice of Quadra-Chek® QC-100 or QVI Q-Check®	Quadra-Chek QC-200 or QC-300
Power Requirements	115/230VAC, 50/60 Hz, 1φ, 300W	