

CC-16L Contour Projector®

The CC-16L is a compact, benchtop optical comparator with exceptional screen brightness and functionality.

The large and evenly illuminated 16 inch diameter screen shows crisp, well-defined images using either standard profile light or oblique ring light.

- Exclusive TruLight® all-LED illumination
- CC-16L is "rock solid" with its cast mineral composite base that provides structural integrity for consistent performance in shop environments
- Optional internal optical edge detection

Proudly designed and manufactured in the United States of America

Large Screen Optical Comparator At A Low Price



1783 W. University #135
Tempe, AZ 85281
E-Mail sales@tqscorp.com

Total Quality
Systems Inc.

Inside Sales/Office 480-377-6422
Fax 480-377-6426
Todd direct 602-228-3863

*Shown with Q-Touch™ DRO.

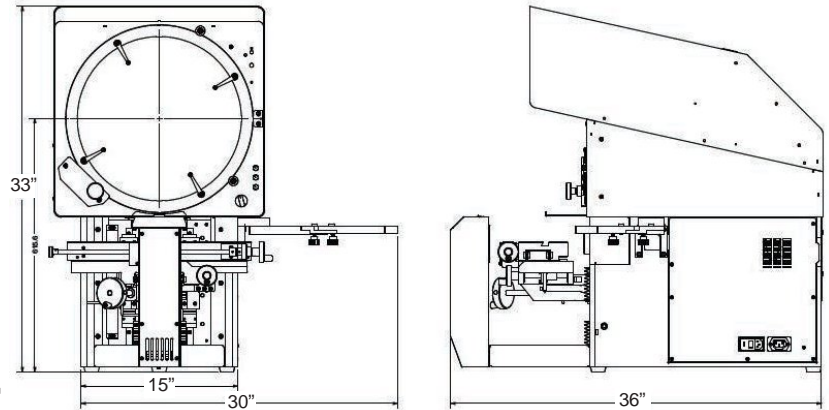
CC-16L Contour Projector

Available Options and Accessories:

- Adjustable direct projection iris
- EdgeScan™ internal automatic edge detection (requires a Quadra-Chek or Q-Touch DRO)
- Projectron® automatic grayscale edge detection (requires a Q-Check DRO)
- Fixture and calibration reticles
- Fresnel lens
- Overhead light shield
- Glass and plastic overlay charts
- Steel weldment stand
- Ergonomic, motorized adjustable height stand
- Service and support contracts

Optional Software:

- Quadra-Chek® QC-Wedge (requires Microsoft® Excel™)



System Weight: 425 lb

	Standard	Optional
XY Travel Range (in)	12 x 4	
Z Focus Travel (in)	1.5" with precision fine adjustment	
Throat Clearance (in)	8.5	
XY Scale Resolution (in)	0.00004	0.00002
XY Drive System	Manual, with quick release X-axis and fine adjustment knobs in X and Y	
Worktable (in)	Precision machined aluminum with fixturing slot, 16 x 4.75	
Recommended Maximum Load Capacity (lb)	45	
Optical System	Telecentric, horizontal, with upright, reversed image	
Screen	16" diameter 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 (in)	3.4	
Lens	10X Projection lens	20X, 31.25X, 50X, 100X
Lens Mount	Internal, quick change lens mount and storage rack with locking access door	
Illumination	Profile light: high-brightness green LED with continuously variable intensity Oblique (Dark Field): ring light with eight (8) high-brightness white LEDs, with 6 switch-selectable patterns for directional lighting; continuously variable intensity	
Electronics	Q-Touch™	Quadra-Chek QC-100, QC-200 or QC-300 QVI Q-Check®
Power Requirements	115/230VAC, 50/60 Hz, 1φ, 300W	



Quality Vision International, Inc.

Phone: +1 585 758 1300

Fax: +1 585 506 4307

ccpinfo@qvii.com

www.qvii.com/ccp

