



CC-14 Contour Projector®

The CC-14 is a high quality, full-function optical comparator 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 Comparator Technology for Increased Value



Proudly designed and manufactured in the United States of America



*Shown with optional motorized X,Y stages and Quadra-Chek® DRO.

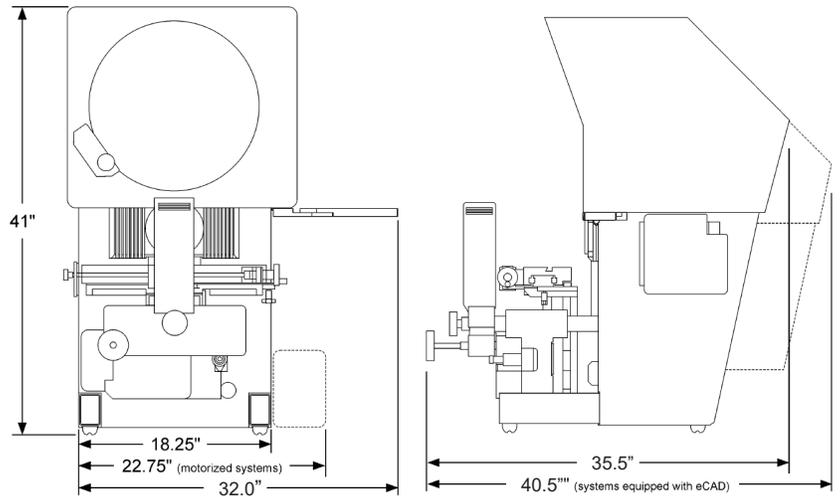
CC-14 Contour Projector

Available Options and Accessories:

- Extended X-axis travel
- Adjustable direct projection iris
- Digital video screen image capture
- EdgeScan internal automatic edge detection (requires a Quadra-Chek or Q-Touch DRO)
- Projectron® automatic grayscale edge detection (requires a Q-Check DRO)
- VidiProbe™ Video Measurement with turret mounted camera and Measure-X 2D software
- Fixture and calibration reticles
- Fresnel lens
- Overhead 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:

- Measure-X® 2D Metrology Software
- MeasureFit® Plus
- SmartReport® with real-time statistics
- Quadra-Chek® QC-Wedge (requires Microsoft® Excel™)
- eChek™ Metrology Software



System Weight:
Manual: 315 lb
Motorized: 335 lb

	Standard	Optional
XY Travel Range (in)	12 x 5	15 x 5
Helix Angle Range	±6.5° with pivoting worktable assembly and zero stop	
Z Focus Travel (in)	1.5 with precision fine adjustment	
Throat Clearance (in)	8.8	8.1, with optional oblique ringlight
Recommended Maximum Load Capacity (lb)	45	
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	Motorized with variable speed joystick control and manual fine adjustments
Worktable (in)	Hardcoat anodized aluminum with fixturing slot, 16 x 4.75	
Optical System	Telecentric, with upright, reversed image	
Screen Diameter (in)	14 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)	3.9	
Lens	10X Projection lens	20X 31.25X 50X 100X
Lens Turret	Three position, manual, internal, with magnification display	
Illumination	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
Electronics	QVI Q-Check® or Q-Touch™	Quadra-Chek QC-200 or QC-300
Power Requirements	100-120VAC or 200-240VAC, 50/60 Hz, 1φ, 400W	



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