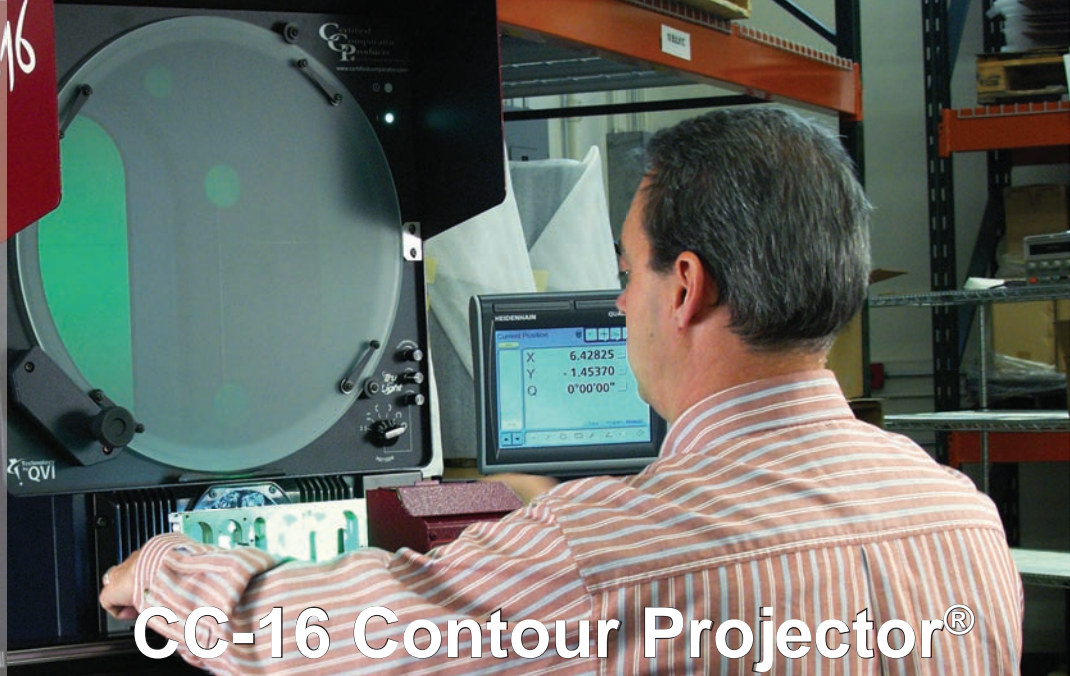


Certified
CP
Comparator
Products



CC-16 Contour Projector®

The **CC-16** is a top quality optical comparator designed to meet the needs of today's manufacturers. The 16" diameter screen displays crisp, evenly illuminated images at every available magnification.

- Exclusive TruLight® all-LED illumination
- CC-16 is "rock solid" with its cast mineral composite base that provides structural integrity for consistent performance in shop environments
- Optional VidiProbe® video measurement and eCAD® virtual chart gage system

Benchtop Optical Comparator



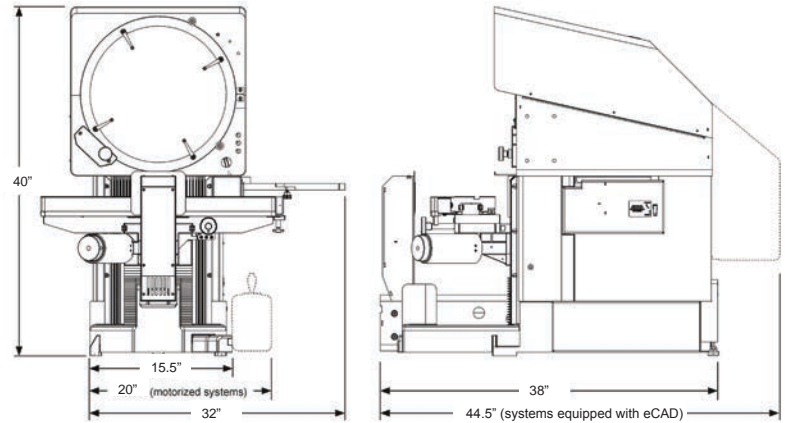
Proudly designed and manufactured in
the United States of America



CC-16 Contour Projector

Available Options and Accessories:

- Adjustable direct projection iris
- Digital video screen image capture
- EdgeScan internal automatic edge detection (requires a Quadra-Chek DRO)
- Projectron automatic grayscale edge detection (requires a Q-Check DRO)
- VidiProbe Video Measurement 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
- Swing away lamphouse
- Service and support contracts



Optional Software:

- MeasureFit® Plus
- SmartReport® with real-time statistics
- Quadra-Chek® QC-Wedge (requires Microsoft® Excel™)
- eCAD® for electronic CAD overlay & virtual chart systems
- eChek™ Metrology Software
- Measure-X® 2D Metrology Software

System Weight: 495 lb

	Standard	Optional
XY Travel Range	15" x 6"	18" x 6"
Helix Angle Range	±7.5° with pivoting worktable assembly and zero stop	
Focus Travel (Z)	2" with precision fine adjustment	
XY Positioning	Precision, with heavy duty substage for vertical motion	
Throat Clearance	10.75"	
XY Scale Resolution	0.00004"	0.00002"
XY Drive System	Motorized, with variable speed joystick control and manual fine adjustment knobs	
Worktable	Hardcoat anodized aluminum with fixturing slot, 20" x 4.75"	
Recommended Maximum Load Capacity	60 lb	
Optical System	Telecentric with upright, reversed image	
Screen Size	16" diameter screen, with integral hood	
Screen Type	Ground glass with 90° centerlines and clips for mounting 16" overlay charts	
Protractor	Digital screen display, ± 360° readout with 1' (0.017") resolution	
Working Distance	3.8"	
Lens	10X Projection lens	20X, 31.25X, 50X, 100X
Lens Mount	Internal, quick change lens mount and storage rack with locking access door	Two position lens turret, manual, internal
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	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, 600W	