




Certified
CP
omparator
Products



CC-30 Contour Projector®

The CC-30 is a large capacity optical comparator that offers a large, bright image and relatively compact footprint.

With the 30" diameter screen at eye level and easy access to parts and fixtures, the CC-30 is designed to provide great performance right where you need it.

- Includes mercury-arc profile lighting as standard, with mercury-arc surface light optional
- Rigid construction and heavy duty components allow for durability and long-term reliability
- Optional VidiProbe® video measurement and eCAD® virtual chart gage system

Proudly designed and manufactured in
the United States of America

High Capacity Optical Comparator



TQS

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

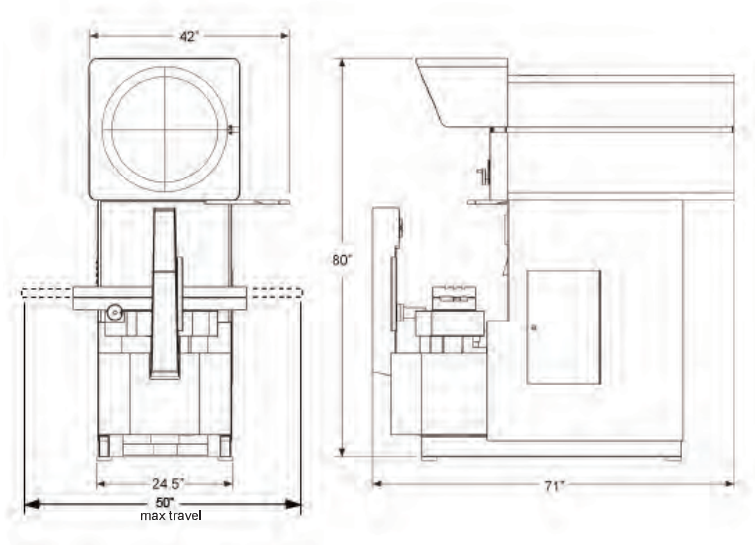
**Total Quality
Systems Inc.**

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

CC-30 Contour Projector

Available Options and Accessories:

- Adjustable iris assembly
- 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
- Overhead light shield
- Glass and plastic overlay charts
- High magnification collimator
- Swing away lamphouse
- Surface illuminator concentrator (reduces FOV at selected mag)
- Rotary Indexer
- Service and support contracts
- Full parts and labor warranty for 1 year



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

Crated : 2,345 lb
Crated for Export: 2,700 lb

	Standard	Optional
XY Travel Range	15" x 9"	15" x 10", 18" x 9", 18" x 10"
Helix Angle Range		±7.5° with pivoting worktable assembly and zero stop
Focus Travel (Z)	3" with precision fine adjustment	
XY Positioning	Precision cast iron vertical elevating assembly, mechanical bearing slides attached to a heavy duty cast worktable support structure	
Throat Clearance	20"	
XY Scale Resolution	0.00004"	0.00002"
XY Drive System	Motorized, DC servo, with variable speed joystick and X & Y axis manual fine adjustment	
Worktable	Heavy duty cast iron nickel plated worktable, 32" x 8"	
Recommended Maximum Load Capacity	300 lb	
Optical System	Telecentric with upright, and un-reversed image	
Screen Size	30" diameter viewing area screen, with integral hood	
Screen Type	Ground glass with 90° centerlines and clips for mounting standard overlay charts	
Protractor	Screen rotation protractor with ± 360° motion, digital display, 0.01° or 1' display	
Working Distance	8.4"	
Lens	10X	20X, 31.25X, 50X, 62.5X, 100X
Lens Mount	One position, fixed	Five position, motorized turret
Illumination	200 W mercury arc direct projection with green filter	200 W mercury arc surface
Electronics	Choice of Quadra-Chek® QC-100 or QVI Q-Check®	Quadra-Chek QC-200 or QC-300
Power Requirements	115VAC, 60 Hz, 1ϕ, 2500W	