VidiProbe transforms the traditional optical comparator into a fully automatic video inspection system.

An internal video camera is positioned to view the image formed by the comparator optics, allowing the image to be digitally analyzed and measured instantly using Measure-X® 2D software.

VidiProbe Features:

- Full CNC automation of the measurement process
- Automatically measure or construct features and apply tolerances
- Supports conventional comparator measurement and automatic vision measurement
- Available on CCP CC-14, CC-16, CC-20 and CC-30 comparators

Proudly designed and manufactured in the United States of America

QVI

Video Measurement and Automation Package

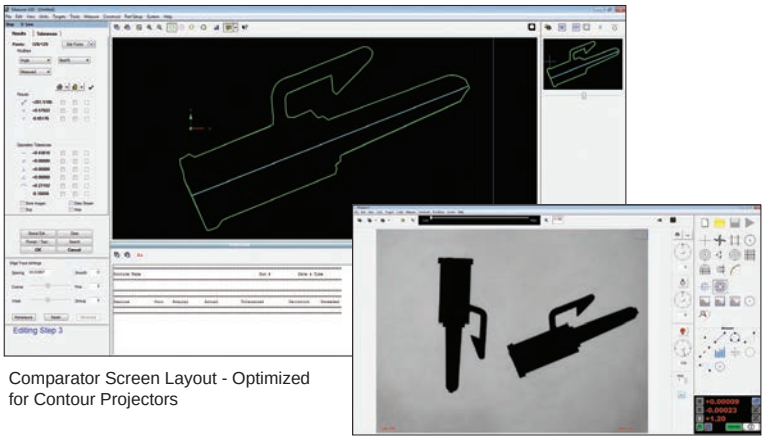
CC-20 Contour Projector® with optional VidiProbe automation camera and software shown

VidiProbe™

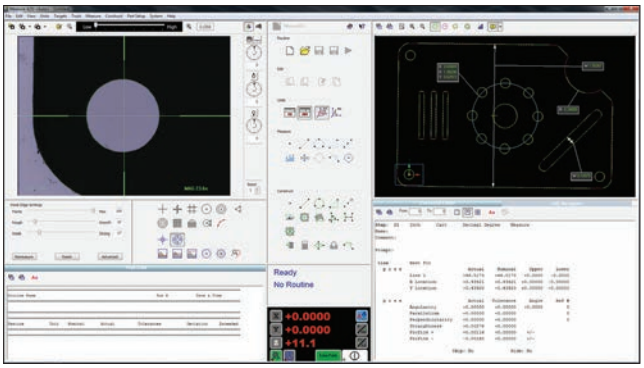
Measuring Software

- Measure-X® 2D - Full function measurement software, with complete control system.
  - Includes: Automatic control of lighting and X,Y stage motion, 256-level grayscale image processing, and Y14.5 dimensioning and tolerancing capability
- Optional: MeasureFit®, SmartReport®, QC-Calc™, SmartTree™, CAD import option for Measure-X 2D, Measure-X 2D offline

Measure-X 2D Software:



Comparator Screen Layout - Optimized for Contour Projectors



Easy-to-use Full Feature Layout
(See Measure-X 2D catalog for more information on software)

	Standard	Optional
System Requirements	CC-14, CC-16, CC-20 or CC-30 model comparators with QVI® Q-Chek® DRO	
Minimum Computer Requirements	Windows™ XP Professional or Windows 7 (32 or 64 bit), Pentium class processor, 32-bit or 64-bit architecture, 128 MB RAM, 20 MB free space on hard drive, dual monitor support DVI/VGA card (800 x 600 min) CD-ROM drive, mouse, 104-key keyboard	
Display	22" LED 1920 X 1080 wide screen format (Not included when on-screen projection option is selected)	1024 x 768 (For CC-14 with internal eCAD® projection - classic view)
Camera	QVI digital, megapixel camera	
Available Options		On-screen projection system (CC-14 only) PSR Precision Stepper Rotary Touch Screen Monitor User Interface

	Optical Comparator Magnifications	Field-of-View (Diagonal)	Relative Magnifications See Note 1	Monitor Magnifications See Note 2
CC-14	10X	1.40"	N/A	N/A
CC-14 with VidiProbe	Low Zoom High Zoom	1.00" 0.13"	16X 129X	10X 81X
CC-16	10X	1.60"	N/A	N/A
CC-16 with VidiProbe	Low Zoom High Zoom	1.02" 0.13"	15X 125X	8X 68X
CC-20	10X	2.00"	N/A	N/A
CC-20 with VidiProbe	Low Zoom High Zoom	1.10" 0.14"	18X 145X	8X 64X
CC-30	10X	3.00"	N/A	N/A
CC-30 with VidiProbe	Low Zoom High Zoom	1.10" 0.14"	18X 145X	8X 64X

Note 1: Represents the magnification as a function of the comparator FOV
Note 2: Represents the object to the screen image magnification; assumes a standard 22" monitor with screen layout

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