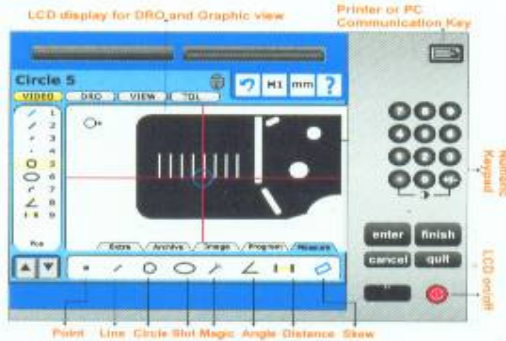


"OPERATORS CAN EASILY FORMAT, ANALYZE & COMMUNICATE MEASUREMENTS THROUGHOUT THE COMPANY & AROUND THE WORLD. THE SOFTWARE INCORPORATE INTUITIVE DRAG AND DROP DATA FIELDS, MACROS & DATA BASE TEMPLATES ALONG WITH PROGRAMMING & AUTOMATION TOOLS."

QC-300



Screen display

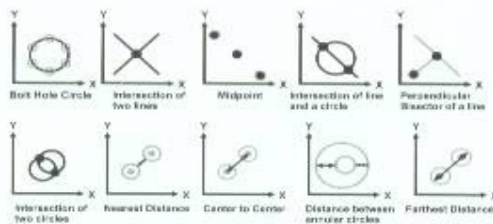
Four screen display on QC 300 provides D.R.O view as well as graphic representation of the feature. Switch between the two displays according to your convenience. D.R.O Screen shows the present values of X & Y coordinate axis along with the measurement results and graphic screen shows the location of points taken on the feature.

CIRCLE 1		mm	U	+
X	1.7658			
Y	0.8070			
D	0.1732			
Pts=4	F	0.0079		
DRO				
Recall	View	Change	Tol	

CIRCLE 1		mm	U	+
X	1.7658			
Y	0.8070			
D	0.1732			
Pts=4	F	0.0079		
DRO				
Recall	View	Change	Zoom	Tol

Construction capabilities

Select two or more features to create intersections or constructions. Reduces operator effort by eliminating confusing construction menus.



Patented feature Measure Magic

To measure, simply probe points and click. Quadra-Chek automatically detects, the feature type being measured. Operators can inspect multiple features without taking their eyes off the part which speeds throughput, improves accuracy and reduces user fatigue.



Tolerance options

More than 15 types of tolerance setting with an on screen indication of Pass & Fail.

CIRCLE 1		mm	U	+
Circle Position and Size Tolerance				
Tol Type: BDC				
Nominal	Dev			
X 2.3700	0.0008			✓
Y 1.1100	0.0015			✓
D 0.4000	-0.0083			⊗
Edt	Nominal	Actual	Dev	Other

Feature	Tolerance type
Line	Position (2-dimensional, the position) Form (Straightness) Form (Circularity) Perpendicularity
Circle	Position (2-dimensional, the position) Form (Circularity) Form (Circularity) Form (Circularity) Form (Circularity) Form (Circularity)
Distance	Form
Angle	Form
Point	3-dimensional True Position

Programming

Quickly and easily create, edit and run part programs. Program a measurement sequence once and run it back as-often as you need. Measure the same number of points per feature, in the identical sequence part after part. Visual cues guide each feature measurement of a part, to assure complete and consistent data collection.

Probe Skew		mm	U	+	Run
Pts Req	X	-1.6100			
2	Y	-0.9900			
DRO					
Porte	View				



Print output

Print measurement results using a serial or parallel printer in an easy to read 40 or 80 column format.

IR Report						
#	Feature	Program	Report	Position/Dim.	Size	Orientatio
1	Circle 1	X		3.503 0.000 0.000	d F F	2.008 1.034
2	Circle 2	X		3.503 0.000 0.000	d F F	2.087 1.043

Part Alignment & Skewing

Accurate measurements require the part to be perfectly aligned on the coordinate measuring system. Use the skew function to convert machine coordinates to part coordinates and compensate for part misalignment.



Data Management & Output

Parallel and serial ports makes it easy to transfer data to PCs, networks and printers, while the IrDA port can be used to download measurement data to handheld PDAs and notebook computers.

NILPA CONSULTANCY



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