

D.R.O- QC-220

LCD display for DRO and Graphic view

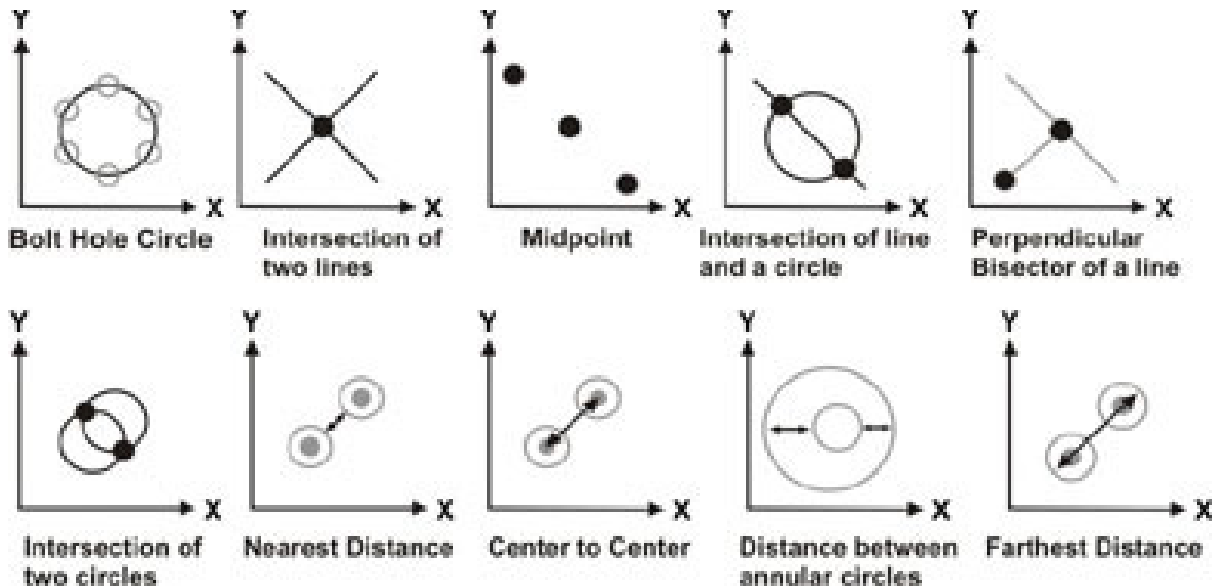


CIRCLE 1				mm	1	+	CIRCLE 1			
0	1	X	1.7658							
		Y	0.8070							
		D	0.1732							
		Pts=4	F	0.0079						
DRO										
Recall	View	Change						Zoom	Tol	

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0	1	X	1.7658							
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DRO										
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Screen display

Two screen display on QC 200 provides both 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.

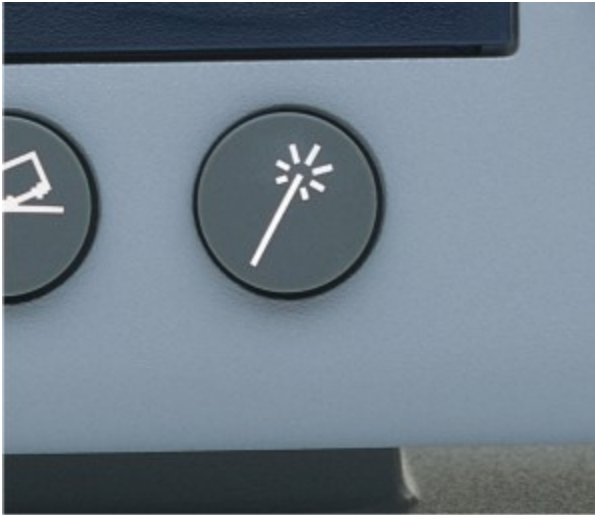


Construction capabilities

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

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



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.

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

Feature	Tolerance type
Line	Positional (bi-directional, true position) Form (straightness) Perpendicularity Parallelism
Circle	Positional (bi-directional, true position, LMC, MMC) Form (Circularity) Concentricity Runout
Distance	Width
Angle	Angle
Point	Bi-directional & True Position

Tolerance options

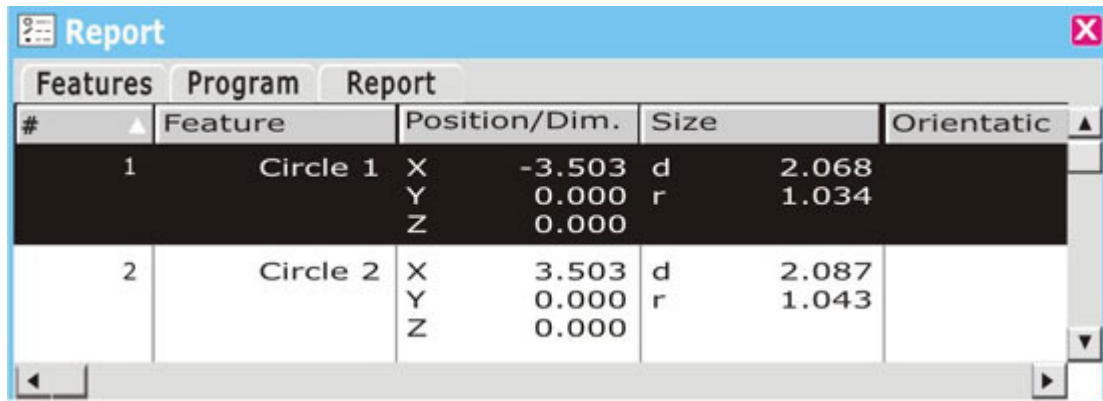
More than 15 types of tolerance setting with an on screen indication of Pass & Fail

Probe Skew		mm	1	+	Run
Pts Req		X	-1.6100		
		Y	-0.9900		
2					
DRO					
Porbe		View			



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



The screenshot shows a software window titled 'Report' with three tabs: 'Features', 'Program', and 'Report'. The 'Report' tab is active, displaying a table with the following data:

#	Feature	Position/Dim.	Size	Orientatic	
1	Circle 1	X	-3.503	d	2.068
		Y	0.000	r	1.034
		Z	0.000		
2	Circle 2	X	3.503	d	2.087
		Y	0.000	r	1.043
		Z	0.000		

Print output

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

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.