

VIDEO MEASURING MACHINE

เครื่องวัดขนาดชิ้นงานละเอียด

Video Measuring Machine MODEL: SQM-SERIES

Features:

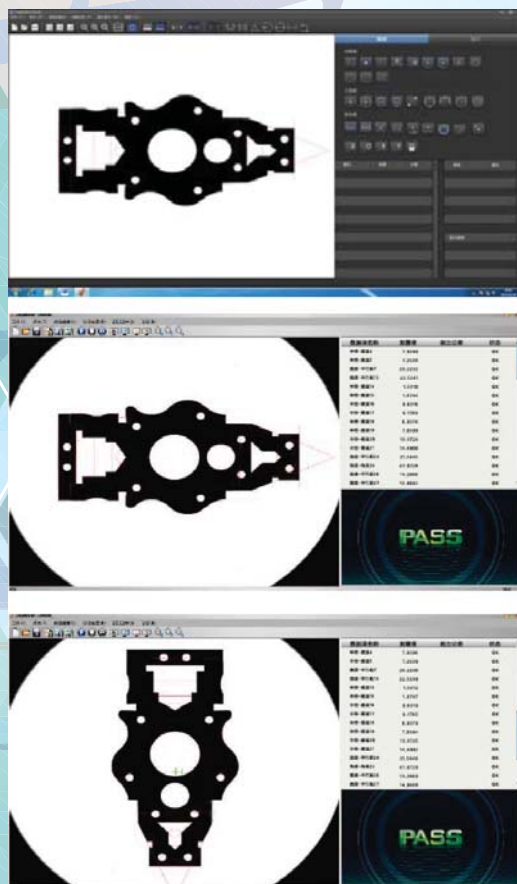
1. Efficient Batch Measurement: All dimensions can be detected and measured simultaneously and automatically, even the samples are placed randomly. Workpiece Placing, No location and Fixture requirements, anywhere within the effective range of the lens
2. Effectively Eliminate Operator Error
3. Friendly Operation, Low Costs
4. Perfect Accuracy:
 - Double telecentric lens, low distortion, high accuracy.
 - Double telecentric lens, allow the sample height difference, section with slope or curvature and other difficult measuring elements.
5. Entire Image: This is a new measurement system which measures by capturing the entire image of a sample within the field of view.
6. Batch Measurement: Software is for automatic saving shape of specimen, automatic positioning, direction detecting, the coordinate origin for repeated measurements.
7. Simple Application: Convenient applications of measurement data, automatically saves test data and print test reports and SPC data charts for quality control.
8. Support Reverse Engineering: Imported DXF files by software can be measured, graph and data can also be exported from the software for DXF files for other applications.



MODEL SQM-SERIES

Specification list:

Model	SQM-30	SQM-60	SQM-80	SQM-160
Lens	0.3X Double Telecentric Lens	0.17X Double Telecentric Lens	0.088X Double Telecentric Lens	0.088X Double Telecentric Lens
Working Distance	110 mm	110 mm	120 mm	160 mm
Wide Field	Ø30mm	Ø60mm	Ø80mm	Ø120mm
Measurement Accuracy	4um	6um	8um	15um
Repeatability Accuracy	2um	4um	4um	10um
Camera	2/3" 5 million pixel B/W camera (Ethernet)			
Illumination	Digital controls, automatic memory, Telecentric Green LED Contour illumination, Ring White LED illumination			
PC System	21" PC system			
Test Time	<5S (Less than 100 tests)			
Output data	Test data, reports, determine the results (OK, NG, WAIT), etc			
Function	2D measurements: points, lines, circles, arcs, angles, distance, oval, O-rings, Groove, rectangle, parallelism			
Auxiliary Function	Intersection, parallel, perpendicular, tangent, bisection.			
Geometric Tolerances	Dimension tolerances and position tolerances, tolerances of form and position (Point position concentricity, straightness, parallelism, roundness, straightness, profile, etc)			
Measurement Mode	Manual / Automation			
Power Supply	AC100~240V, 50~60Hz			



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