

LARGE SIZE QUICK MEASUREMENT SYSTEM

PART NO. QMS-A450-U



SPECIFICATION

Optical lens		Dual-field dual-telecentric low-distortion lens	
Measurement range		wide view field	small view field
		19.69×15.75"	16.93×13.78"
Measurement Accuracy	without splicing	±.00012" ①	±.00004" ②
	with splicing	±(200+20L)μin ③	±(120+20L)μin ④
Repeatability	without splicing	±.00004"	±.00002"
	with splicing	±.00008"	±.00006"
Travel range (X×Y×Z)		16.14×13.39×9.84"	
Magnification		3.6X	14.2X
Illumination system	transmission light	telecentric illuminator, green light	
	surface light	vertical illuminator, high angle ring white light vertical illuminator, 4-zone low and medium angle ring white light (electric) vertical illuminator, circular (directional) green light (electric)	
	coaxial light (optional)	vertical illuminator, white light	
Glass stage size		20.47×16.54"	
Max. weight of workpiece		55lb	
Measurement time		<2s	
Measurement data		2D measurement	
Environmental requirement		temperature: 68°F±3.6°F, relative humidity: 30%~80%, vibration: <.00007oz, less than 15Hz	
Power supply		110V, 50Hz, 1200W	
Dimension (L×W×H)		41.73×32.44×71.57"	
Weight		1763lb	

* The optimum temperature is 68°F±1.8°F

① Within 2.87×1.93", on focal position and environment temperature at 68°F±1.8°F

② Within .63×.47", on focal position and environment temperature at 68°F±1.8°F

③ Within 17.72×14.17", on focal position and environment temperature at 68°F±1.8°F, L is the travel of stage in inch

④ Within 15.24×12.40", on focal position and environment temperature at 68°F±1.8°F, L is the travel of stage in inch

- One or more workpieces can be measured by one step operation
- Place workpieces at any position
- Focus and measure automatically

STANDARD DELIVERY

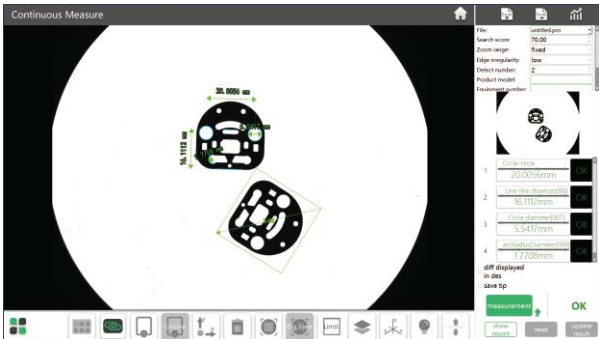
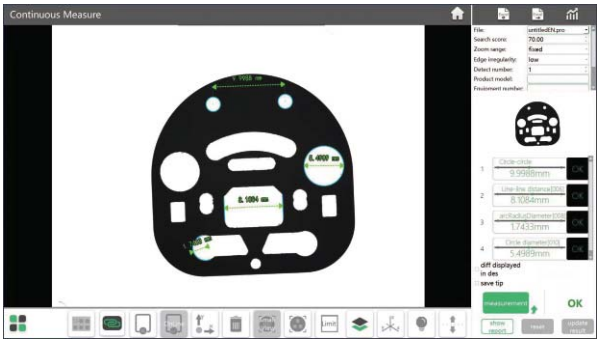
Main unit	1 pc
Computer	1 pc
Software	1 pc

OPTIONAL ACCESSORY

Coaxial light illumination	QMS-23-A1
Data transmission function of software	QMS-23-D
CAD import function of software	QMS-23-C
Laser sensor	QMS-43-SJ
Foot-switch	QMS-43-FS

Software (included)

- Automatically measure widths, holes, rings, angles at the same time, simple and efficient.



- Measuring result can be stored automatically. OK items and NG items can be counted automatically.

