

SMALL VIEW FIELD SUITABLE FOR MEASURING SMALL SIZES SUCH AS THREADS AND CHAMFERS

HIGH PRECISION QUICK MEASUREMENT SYSTEM PART NO. QMS-H210-U



SPECIFIC ATION

SPECIFICATION			
Optical lens		dual-field dual-telecentric low-distortion lens	
Measurement range		wide view field	small view field
		8.27×5.12"	7.87×3.94"
Measurement * Accuracy	without stitching	±78.74µin①	±27.56µin②
	with stitching	±(157.5+20L)µin③	±(106.3+20L)µin④
Repeatability	without stitching	±39.37µin	±9.84µin
	with stitching	±78.74µin	±49.21µin
IIIumination 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 (eletric) vertical illuminator, circular (directional) green light (eletric)	
	coaxial light	vertical illuminator, white light	
Max. weight of workpiece		11lb	
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, 600W	
Dimension (L×W×H)		18.11×20.27×29.13"	
Weight		99lb	

- * The optimum temperature is 68°F±1.8°F
- Within .79×.79", on focal position and environment temperature at 68°F±1.8°F
 Within .31×.19", on focal position and environment temperature at 68°F±1.8°F
 Within 7.44×4.60", on focal position and environment temperature at 68°F±1.8°F, and workpiece is less than 4.41lb, L is the travel of stage
 Within 7.08×3.54", on focal position and environment temperature at 68°F±1.8°F, and workpiece is less than 4.41lb, L is the travel of stage

- One or more workpieces can be measured by one step operation
- Place workpieces at any position
- Focus and measure automatically
 Measurement of 999+dimensions and 300+workpieces
- Suitable for parts with high precision for medium and small sizes

STANDARD DELIVERY

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Main unit	1 pc	
Computer	1 pc	
Software	1 pc	







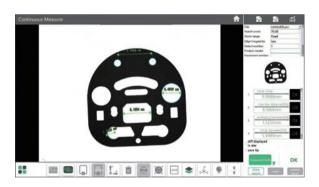
11.6" LCD (optional)

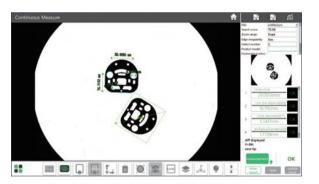
OPTIONAL ACCESSORY

Data transmission function of software	QMS-23-D1	
CAD import function of software	QMS-23-C1	
Laser sensor	QMS-43-SJ1 (must be installed in factory)	
Foot-switch	QMS-43-FS1	
11.6" LCD	QMS-23-B1 (must be installed in factory)	
MES transmission function of software	QMS-23-E1	
Rotary table	QMS-43-RT1 (must be installed in factory)	

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

