LARGE SIZE QUICK MEASUREMENT SYSTEM
CODE QMS-A450

VIDEO



SPECIFICATION

Optical lens		dual-field dual-telecentric low-distortion lens	
Measurement range		**wide view field**	**small view field**
		500×400mm	430×350mm
Measurement Accuracy*	**without stitching**	±3μm①	±1μm②
	with stitching	±(5+0.02L)μm③	±(3+0.02L)μm④
Repeatability	**without stitching**	±1μm	±0.5μm
	with stitching	±2μm	±1.5μm
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 (eletric) vertical illuminator, circular (directional) green light (eletric)	
	coaxial light (optional)	vertical illuminator, white light	
Max. weight of workpiece		25kg	
Measurement time		<2s	
Measurement data		2D measurement	
Environmental requirement		temperature: 20°C±2°C, relative humidity: 30%~80%, vibration: <0.002g, less than 15Hz	
Power supply		220V, 50Hz, 1200W	
Dimension (L×W×H)		1060×860×1890mm	
Weight		650kg	

* The optimum temperature is 20°C±1°C
①Within 73×49mm, on focal position and environment temperature at 20°C±1°C
②Within 16×12mm, on focal position and environment temperature at 20°C±1°C
③Within 450×360mm, on focal position and environment temperature at 20°C±1°C
④Within 387×315mm, on focal position and environment temperature at 20°C±1°C

- 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 200+workpieces
- Suitable for parts with high precision requirements for large, medium, and small sizes

STANDARD DELIVERY

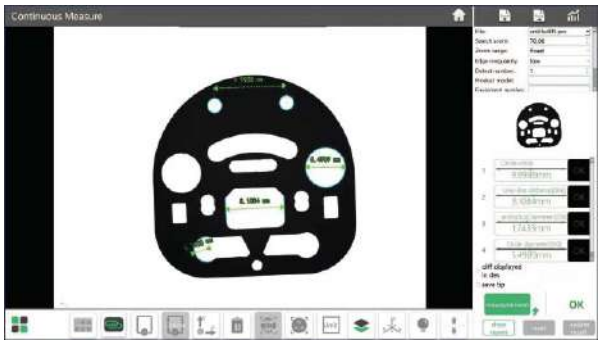
Main unit	1 pc
Computer	1 pc
Software	1 pc

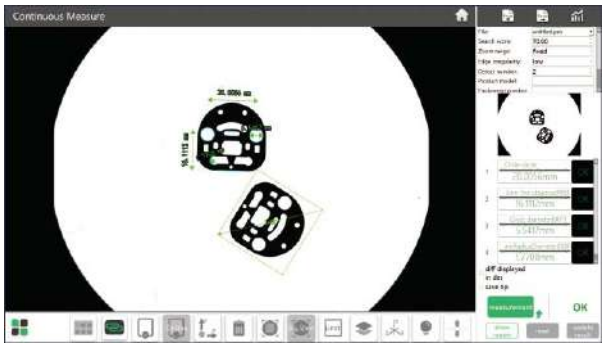
OPTIONAL ACCESSORY

Coaxial light illumination	**QMS-43-A1**
Data transimission function of software	**QMS-23-D1**
CAD import function of software	**QMS-23-C1**
Laser sensor	**QMS-43-SJ1**
Foot-switch	**QMS-43-FS1**

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

