LARGE SIZE QUICK MEASUREMENT SYSTEM
CODE QMS-A450

coaxial light illumination (**optional**)

automatic stage

computer(included)

software(included)

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

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 splicing	±3μm [1]	±1μm [2]
	with splicing	±(5+0.02L)μm [3]	±(3+0.02L)μm [4]
Repeatability	without splicing	±1μm	±0.5μm
	with splicing	±2μm	±1.5μm
Travel range(X×Y×Z)		410×340×250mm	
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(eletric)	
		vertical illuminator, circular(directional) green light(eletric)	
	coaxial light(optional)	vertical illuminator, white light,	
Glass stage size		520×420mm	
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)		1060×824×1818mm	
Weight		800kg	

①Within Φ73×49mm, on focal position and environment temperature at +20°C±1°C
②Within Φ16×12mm, on focal position and environment temperature at +20°C±1°C
③Within Φ450×360mm, on focal position and environment temperature at +20°C±1°C
④WithinΦ387×315mm, on focal position and environment temperature at +20°C±1°C
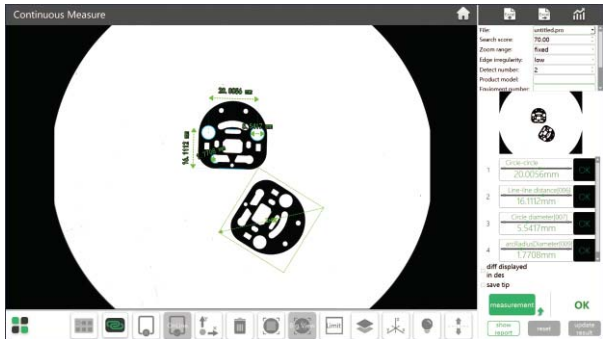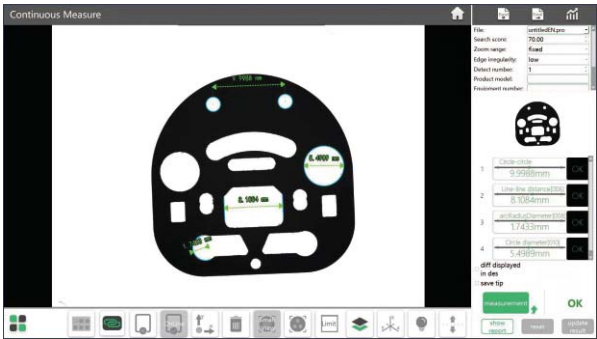
STANDARD DELIVERY

Main unit	1 pc
Computer	1 pc
Software	1 pc

OPTIONAL ACCESSORY

Coaxial light illumination	QMS-23-A1
Data transimission 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.