



SPECIFICATION

Optical lens		Ø100mm dual-telecentric lens
Measurement range		100×80mm
Measurement accuracy	axial	$\pm(5+L/20)\mu\text{m}^{\text{①}}$
	radial	$\pm(3+D/20)\mu\text{m}^{\text{②}}$
Repeatability	axial	$\pm 2\mu\text{m}$
	radial	$\pm 1\mu\text{m}$
Illumination system	transmission light	telecentric illuminator, green light
	surface light (optional)	high angle ring, white light
Max. weight of workpiece		3kg
Measurement time		<2s
Measurement data		2D measurement
Environmental requirement		temperature: $20^{\circ}\text{C}\pm 2^{\circ}\text{C}$, relative humidity: 30%~80%, vibration: <0.002g, less than 15Hz
Power supply		220V, 50Hz, 600W
Dimension (L×W×H)		790×230×385mm
Weight		27kg

* The optimum temperature is $20^{\circ}\text{C}\pm 1^{\circ}\text{C}$

① on focal position and environment temperature at $20^{\circ}\text{C}\pm 1^{\circ}\text{C}$, and workpiece is less than 2kg, L is the workpiece length in mm

② on focal position and environment temperature at $20^{\circ}\text{C}\pm 1^{\circ}\text{C}$, and workpiece is less than 2kg, D is the workpiece diameter in mm

- One or more workpieces can be measured by one step operation
- Focus and measure automatically
- Suitable for measuring shaft workpieces

STANDARD DELIVERY

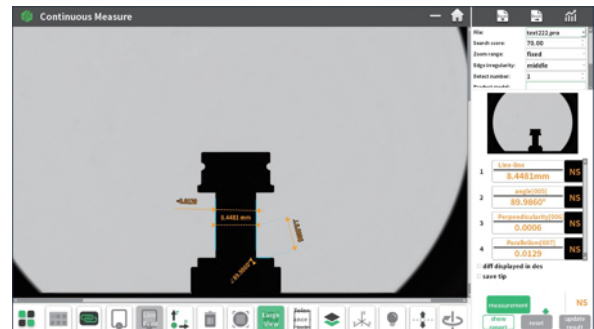
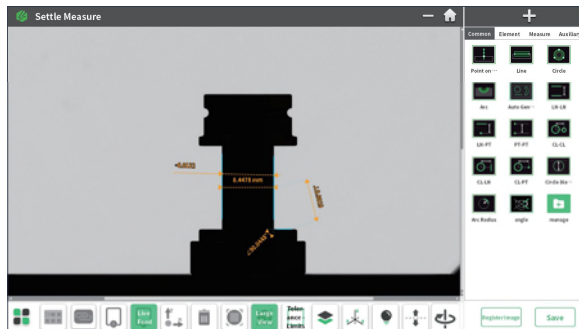
Main unit	1 pc
Computer	1 pc
Software	1 pc

OPTIONAL ACCESSORY

Data transmission software	QMS-23-D1
CAD import software	QMS-23-C1
Foot-switch	QMS-43-FS1
MES transmission software	QMS-23-E1
Surface light	QMS-23-F1 (must be installed in factory)

Software (included)

- Automatically measure heights, diameters, perpendicularity, angles at the same time, simple and efficient



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

