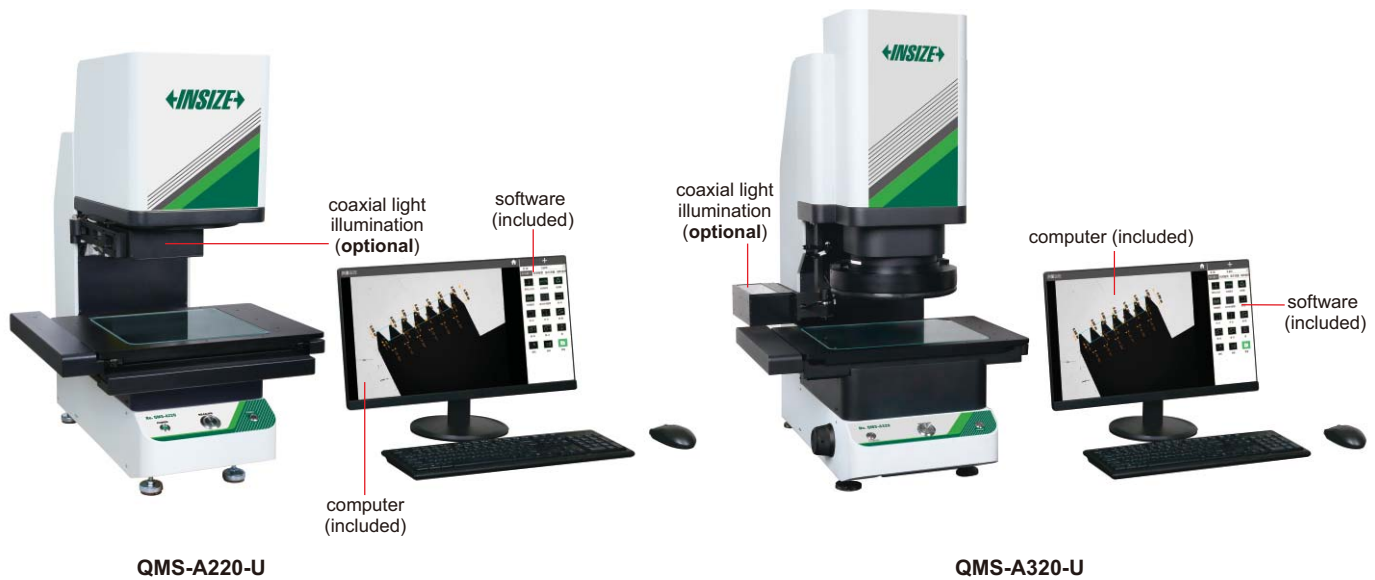


QUICK MEASUREMENT SYSTEMS (WITH STITCHING)



SPECIFICATION

Part No.	QMS-A220-U		QMS-A315-U		QMS-A320-U		
Optical lens	Dual-field dual-telecentric low-distortion lens						
	wide view field: 3.94" DIA small view field: .98" DIA		wide view field: 3.94" DIA small view field: .98" DIA		wide view field: 5.91" DIA small view field: 1.97" DIA		
View field range	wide view field	small view field	wide view field	small view field	wide view field	small view field	
	3.66×2.44"	1.18×.79"	3.94×3.15"	.98×.79"	5.91×4.33"	1.97×1.38"	
Measurement range	7.87×7.87"	5.12×5.12"	11.81×7.87"	9.06×5.12"	11.81×8.27"	7.87×5.31"	
Measurement accuracy	without splicing	±.00012" ^①	±.00004" ^②	±.00012" ^①	±.00004" ^②	±.0002" ^③	±.00008" ^④
	with splicing	±(200+20L) μ m ^⑤	±(120+20L) μ m ^⑥	±(200+20L) μ m ^⑦	±(120+20L) μ m ^⑧	±(280+20L) μ m ^⑨	±(160+20L) μ m ^⑩
Repeatability	without splicing	±.00004"	±.00002"	±.00004"	±.00002"	±.00004"	±.00002"
	with splicing	±.00008"	±.00006"	±.00008"	±.00006"	±.00008"	±.00006"
Max. weight of workpiece	11lb						
Measurement time	<2s						
Measurement data	2D measurement						
Power supply	110V, 50Hz, 600W						
Illumination system	back light	telecentric illuminator, green light					
	ring light	4-zone circular white high light circular (directional) low-angle green light (electric)					
	coaxial light (optional)	vertical illuminator, white light					
Environmental requirement	Temperature: 68°F±3.6°F, relative humidity: 30%~80%, vibration: <.00007oz, less than 15Hz						
Dimension (L×W×H)	20.94×18.90×30.16"		20.94×19.57×30.16"		26.34×20.08×34.76"		
Weight	110lb		132lb		149lb		

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

① Within 3.15×2.52", on focal position and environment temperature at 68°F±1.8°F

② Within .79×.63", on focal position and environment temperature at 68°F±1.8°F

③ Within 4.72×3.46", on focal position and environment temperature at 68°F±1.8°F

④ Within 1.57×1.10", on focal position and environment temperature at 68°F±1.8°F

⑤ Within 7.09×7.09", on focal position, environment temperature at 68°F±1.8°F, and workpiece is less than 4lb, L is the travel of stage in inch

⑥ Within 4.61×4.61", on focal position, environment temperature at 68°F±1.8°F, and workpiece is less than 4lb, L is the travel of stage in inch

⑦ Within 10.63×7.09", on focal position, environment temperature at 68°F±1.8°F, and workpiece is less than 4lb, L is the travel of stage in inch

⑧ Within 8.15×4.61", on focal position, environment temperature at 68°F±1.8°F, and workpiece is less than 4lb, L is the travel of stage in inch

⑨ Within 10.63×7.44", on focal position, environment temperature at 68°F±1.8°F, and workpiece is less than 4lb, L is the travel of stage in inch

⑩ Within 7.09×4.76", on focal position, environment temperature at 68°F±1.8°F, and workpiece is less than 4lb, 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

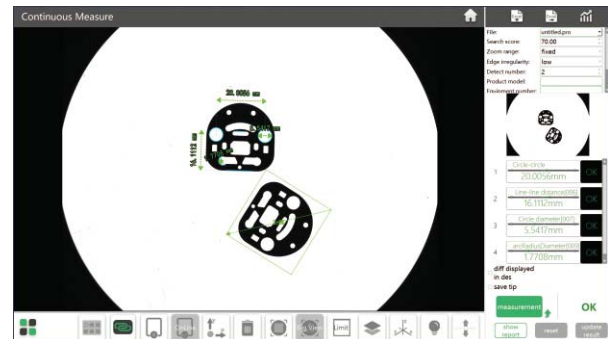
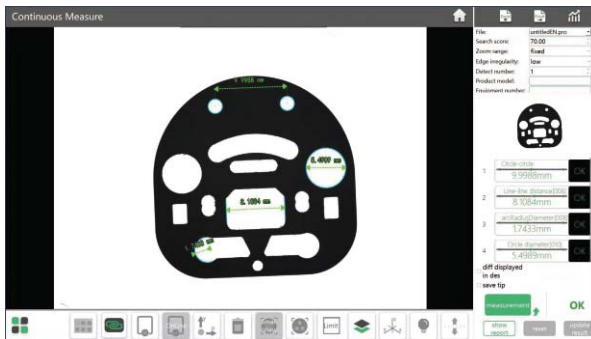
Main unit	1 pc
Computer	1 pc
Software	1 pc

OPTIONAL ACCESSORY

Coaxial light illumination	QMS-23-A3(for QMS-A220U, QMS-A315U)
	QMS-23-A4(for QMS-A320U)
Data transmission function of software	QMS-23-D1
CAD import function of software	QMS-23-C1
Laser sensor	QMS-43-SJ1(for QMS-A315U)
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.

