QUICK MEASUREMENT SYSTEMS (WITHOUT STITCHING)

NOTE: NOT SUITABLE FOR SMALL SIZES SUCH AS THREADS, CHAMFERS, ETC

VIDEO

coaxial light illumination (**optional**)

computer (included)

software (included)

QMS-A110-U

coaxial light illumination (**optional**)

computer (included)

software (included)
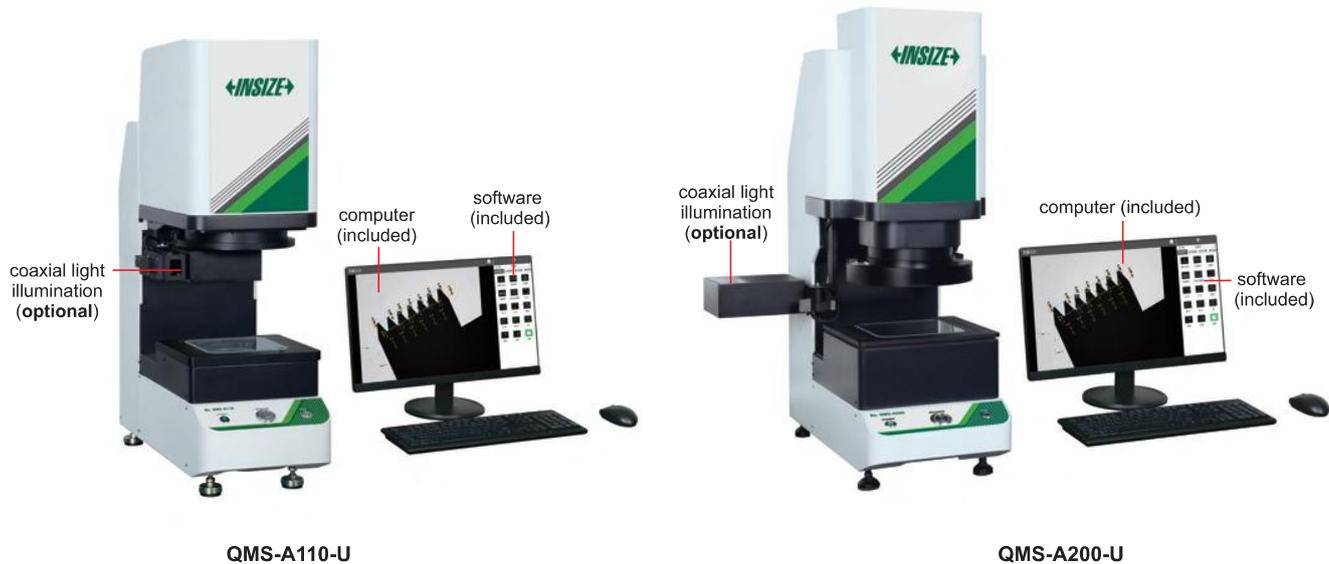
QMS-A200-U

SPECIFICATION

Part No.	QMS-A110-U	QMS-A200-U	
Optical lens	low-distortion lens, single-field telecentric 3.94" DIA	dual-field dual-telecentric low-distortion lens wide view field: 5.91" DIA small view field: 1.97" DIA	
View field range	3.94×3.15"	wide view field	small view field
		5.91×4.33"	1.97×1.38"
Measurement range (X×Y)	3.86×3.07"	5.83×4.25"	1.89×1.30"
Measurement accuracy *	±.00012" ①	±.0002" ②	±.00008" ③
Repeatability	±.00004"	±.00004"	±.00002"
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		
Illumination system — ring light	4-zone circular white high light circular (directional) low-angle green light (eletric)		
Illumination system — 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)	22.83×9.25×31.10"	25.12×13.23×34.84"	
Weight	88lb	132lb	

* The optimum temperature is 68°F±1.8°F
①Within 3.15×2.52", on focal position and environment temperature at 68°F±1.8°F
②Within 4.72×3.46", on focal position and environment temperature at 68°F±1.8°F
③Within 1.57×1.10", on focal position and environment temperature at 68°F±1.8°F

- 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
- **QMS-A110-U** is suitable for measuring small flat parts
- **QMS-A200-U** is suitable for measuring flat parts with low precision requirements and small surface sizes


11.6" LCD (**optional**)

STANDARD DELIVERY

Main unit	1 pc
Computer	1 pc
Software	1 pc
Data transmission function	1 pc

OPTIONAL ACCESSORY

Coaxial light illumination	QMS-23-A3 (must be installed in factory, for **QMS-A110**)
	QMS-23-A4 (must be installed in factory, for **QMS-A200**)
CAD import function of software	QMS-23-C1
Foot-switch	QMS-43-FS1
11.6" LCD	QMS-23-B1 (must be installed in factory)
Glass calibration plate	QMS-CALIBRATION
MES transmission function	QMS-23-E1

Software (included)

- Automatically measure widths, holes, rings, angles at the same time, simple and efficient
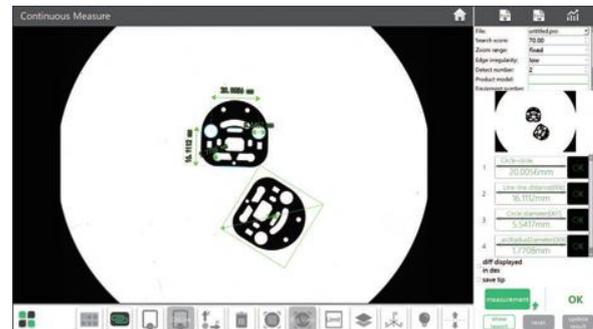
- Measuring result can be stored automatically. OK items and NG items can be counted automatically