

QUICK IMAGE SERIES

2D Colour Vision Measuring System

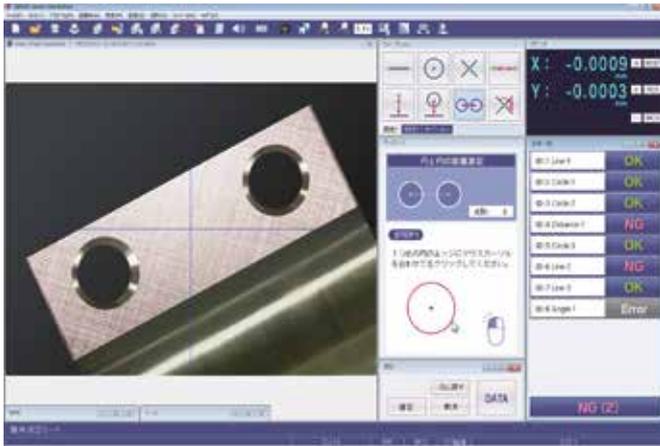


VISION MEASURING SYSTEMS



- The ultimate in simple operation with one-click instant measurement.
- Measurement is over with a single click after setting the workpiece in place.
- An illustrated guidance tool provides instructions for carrying out measurement, making a manual unnecessary.
- High-resolution images enable smooth observation and measurement.

QIPAK Simple Mode



Specifications

Model	QI-A1010C	QI-A2010C	QI-A2017C	QI-A3017C	QI-A4020C
View field	32x24 mm				
Measurement mode	High resolution mode / Normal mode				
Measuring range (X-, Y-axis)	100x100 mm	200x100 mm	200x170 mm	300x170 mm	400x200 mm
Travel range (Z-axis)	100 mm				
Accuracy *1	Measurement accuracy within the screen	High resolution mode: $\pm 5 \mu\text{m}$ / Normal mode: $\pm 8 \mu\text{m}$			
	Repeatability within the screen ($\pm 2\sigma$)	High resolution mode: $\pm 1 \mu\text{m}$ / Normal mode: $\pm 2 \mu\text{m}$			
	Measurement accuracy (U1xy)	$\pm(5+0,08L) \mu\text{m}$ L: arbitrary measuring length (mm)			
Imaging device	3M pixel, Colour camera				
Optical system	Magnification (Telecentric Optical System)	0,2X			
	Working distance	90 mm			
	Depth of focus	High resolution mode: $\pm 0,6 \text{ mm}$ / Normal mode: $\pm 11 \text{ mm}$			
Illumination	Transmitted light: Green LED telecentric illumination; Co-axial Light: White LED; Ring light: quadrant white LED				
Accuracy guaranteed temperature	$20 \pm 1^\circ\text{C}$				

*1 Inspected by Mitutoyo standard.



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Vision Measuring Systems

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Optical Measuring

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