



Professional metrology devices production and automation



Automotive supply industry White Appliances Industry Defense industry Hydraulic equipment manufacturing Mass production of parts



Air-based measurement has earned a rightful place in the production of parts that require precise measurement due to its ease of use and measurement accuracy. The installation cost is low, and once set up, it becomes an indispensable benchtop measurement device. The results, control, and repeatability are excellent. KAO has brought this measurement technique, which is relatively old for its age, into modern technology, providing a strong foundation for future generations of users.

If you own a **ICaO** pneumatic measurement device.



the measurement will be taken,

and acceptance or rejection signals will be sent through the digital outputs.

Your robot will then take this information and place the part into the designated box.

choose whether or not to implement all or some of these actions

mandatory. If these conditions are not met,

If needed, we have added a requirement for

verifying with a calibration part after calibration. Of course, we have settings available for you to

your device will not work. Additionally,

we also record the calibration action.



Back View





Technical Specifications

Master range	±10µm	±20µm	±40µm	±80µm	
Precision	0.1µm	0.1µm	0.1µm	0.1µm	
Accuracy	±0.5µm	±1µm	±1.5µm	±2µm	
Repeatability	±0.5µm	±1µm	±1.5µm	±2µm	
Number of Channels	8				
Measurement Number	8				
Part Memory	100				
Master Memory	100				
Required Air	3.5 – 7 Bar				
Air Connection	ID5mm-OD8mm pneumatic hose				
Working Voltage	24VDC-1.5A				
Dimensions (mm)	En 280 x E	Boy 167 x Height	159 (Without Connections)		

- Interntal Functions
- Automatic Channel Showing
- Part Counting
- Automatic Air Closing
- Ovality measurement
- Callibration programming
- Multi Parameterized
 Measurement recording

Accessories

- Pedals
- 3 button remote control

For Digital Outputs

- Cable extension and Connection Cables
- Panel mounting brackets
- Bridge Connection Cable

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