



Image Dimension Measuring System

IM-6700 Series



NEW IM-6700 Series Image Dimension
Measurement System

Four advantages of this new, cutting edge method for image measurement

Measure the previously unmeasurable - a wide variety of measuring & auxiliary tools

By simply placing a target on the measuring area, anyone can measure anything from inner diameters, circular pitches and angles to complex shapes. All of these were difficult to measure with conventional methods, but can now be measured with ease and accuracy.

Sub-pixel measurement accuracy - the leading-edge sub-pixel processing

KEYENCE's original image processing makes it possible to detect edge positions more accurately than conventional optical systems due to the subpixel processing (0.01 pixel).

INDUSTRY FIRST Measures all of the dimensions in the measuring area at once -

Instantaneous batch measurements at 99 points

The newly developed double telecentric lens with a large diameter of 200 mm 7.87" captures the complete image of the target component, making it possible to simultaneously measure all inspection points. In addition, the obtained measurement data can be saved digitally and output as reports and statistical data.

Positioning is no longer necessary - Simple configuration for automatic measurement using the iPASS method

The iPASS (Intelligent Pattern Analysis Search System) method executes a pattern search on the target placed in the measuring area for its position and angle based on the target's characteristics. Because of this automatic pattern recognition positioning process, manual positioning is a thing of the past.