Mitutoyo

MACH Ko-ga-me with Index-Table

The ultimate automated solution for workshop environments

COORDINATE MEASURING MACHINES

MACH Ko-ga-me with Index-Table in a safe cabin.

Take advantage of a sophisticated, fast and highly versatile coordinate measuring solution! This new automated solution is the ideal system for batch measurement of small parts of various kinds.
A unique combination of speed and accuracy in a self-contained, space-saving package.

The key component is a precision indexing table that mounts custom fixturing to hold the part during the measurement cycle. This enables each part to be successively rotated into position for running an automatic batch measuring cycle after loading. In the particular system shown up to 12 parts can be mounted for rapid positioning and measurement by the CMM's touch-trigger probe.

MONITOR SCREEN

SAFETY INTERLOCKED ACCESS DOOR

SLIDE-OUT FOR PC
MOUSE & KEYBOARD

PC & CMM CONTROLLER

MACH Ko-ga-me CNC CMM

CMM SUPPORT STAND

INDEXING TABLE
& CUSTOM FIXTURING

Model name	KGM12128-B	
Measuring range (mm)	120×120×80	
Mass of main unit (kg)	28	
Resolution of scale (µm)	0.02	
Driving speed (mm/sec)	Composition of 3 axes	Max. 340
Driving acceleration (mm/sec2)	Composition of 3 axes	Max. 6750
Guiding method	Straight-motion hard bearing	

Accuracy with TP200 (ISO 10360-2)	Symbol	Range of Environmental Temperature			
		19~21°C	15~25°C	10~30°C	10~35°C
Maximum permissible error length measurement	$E_{0,MPE}$ *	2.4+5.7L/1000	2.7+6.4L/1000	3.1+7.2L/1000	3.4+7.9L/1000

* Result in µm, L=measured length in mm

**Find additional product literature
and our product catalogue**

www.mitutoyo.eu

Coordinate Measuring Machines

Vision Measuring Systems

Form Measurement

Optical Measuring

Sensor Systems

Test Equipment and Seismometers

Digital Scale and DRO Systems

Small Tool Instruments and Data Management