

Shop-floor Type CNC Coordinate Measuring Machine MiSTAR 555

- Accuracy across a wide temperature range of 10 to 40 °C has been achieved thanks to a combination of technologies such as the symmetric guide structure, uniform material, and temperature compensation.
- Equipped with the newly developed environment-resistant ABS scale, the machine benefits from significantly enhanced contamination tolerance. This eliminates the need for initialization and improves work efficiency.
- The footprint is reduced to about 80% compared with that of the conventional moving bridge model by adopting the horizontal-arm structure and installing the CMM controller and PC under the measuring table.



MiSTAR 555



Equipped with the PH10MQ probe head

SPECIFICATIONS

Model		MiSTAR 555
Measuring range	X axis	570 mm
	Y axis	500 mm
	Z axis	500 mm
Maximum permissible length measurement error*1*2 ISO 10360-2: 2009 (18 to 22 °C) (Probe used SP25M)		2.2 + 3L/1000 μm
Drive speed		CNC MODE: 5 to 350 mm/s (max. combined speed 606 mm/s)
Drive acceleration		1556 mm/s ² (max. combined acceleration 2695 mm/s ²)
Workpiece	Max. height	660 mm
	Max. loading	120 kg
Accuracy guaranteed temperature range		10 to 40 °C
Mass (including the controller and installation platform)		655 kg

*1 Specifications vary by configuration and thermal environment.

*2 L = Measuring length (unit: mm)

Note: While the appearance of the natural stone measuring table varies according to the source, the high stability for which this material is known can always be relied upon.



Refer to the **MiSTAR 555**
Brochure (**E16028**) for more details.