

MiSTAR

MiSTAR Series

Compact shop floor CNC CMM

The MiSTAR is a CNC coordinate measuring machine conceived to be the “measuring machine for any environment.” It comes with a wide accuracy-guaranteed temperature range, environment-resistant absolute scale, and an all-in-one space-saving design. With performance that sets it apart from conventional coordinate measuring machines, the MiSTAR is guaranteed to boost your productivity. MiSTAR can be equipped with PH6M, PH10MQ and PH20 probe head.

Main benefits:

- High accuracy, high speed and high acceleration
- Temperature sensors for compensation of machine and workpiece from 10° to 40°C and monitoring of the environmental temperature.
- ABS linear scales provide high environmental resistance and saves time at start-up as homing is not necessary
- New UC480 controller supporting Multi-sensor and SMS functionality (Smart Measuring System)



MiSTAR 555



Quick launcher for easy part program execution



Equipped with the PH6M probe head



Equipped with the PH10MQ probe head

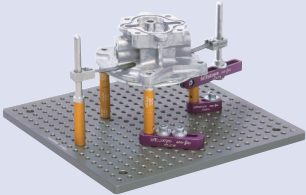
No.	Model	Range [mm]
357-305	MiSTAR 555	570 x 500 x 500
357-313	MiSTAR 575	570 x 700 x 500

Specifications

Accuracy	E0, MPE from: (2,2+3L/1000) μm
Max. drive speed	606 mm/s (3-axis)
Digital step	0,1 μm

Optional accessories

No.	Description
63AAA778	Anti-vibration system, for Mistar 555 & QV404
63AAA779	Anti-vibration system, for Mistar 555, Mistar 575 & QV404



Mitutoyo eco-fix fixture kits:

- flexible & quick setup
- time & cost saving
- easy adaption of product changes



K543667 Shop-floor CMM loading station eco-load duo for MiSTAR