

# COORDINATE MEASURING MACHINE (MANUAL) CODE CMM-MM564

### FEATURES

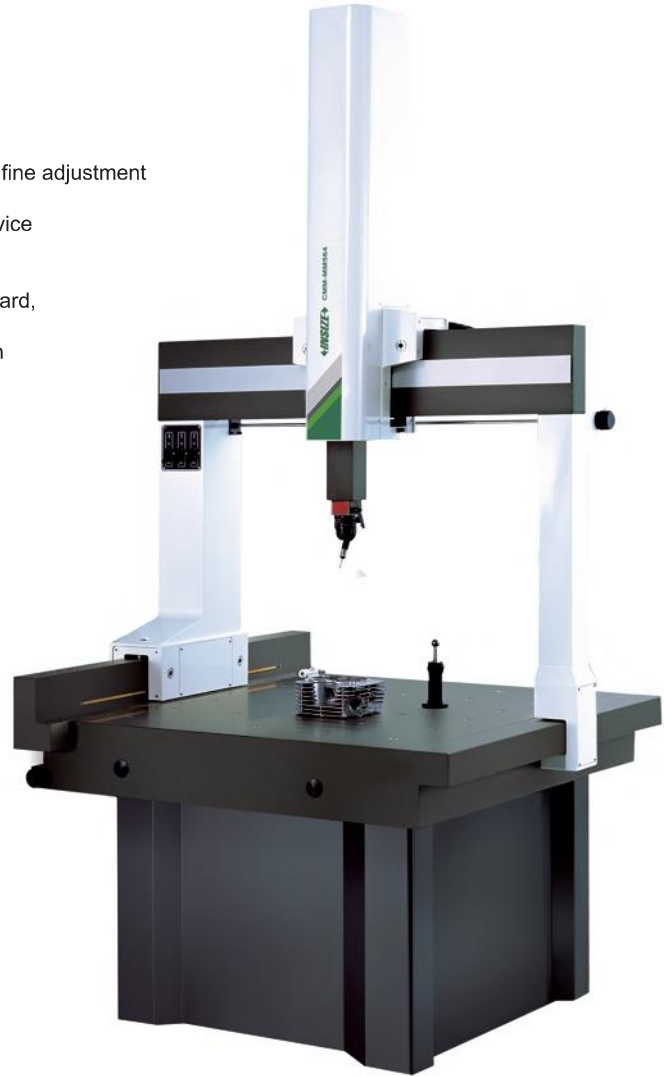
- Classic bridge structure, integrated workbench
- High precision air bearing
- Single key switches three axes between manual travel locking and fine adjustment

### RENISHAW SYSTEMS

- Precision grating system, including grating and data acquisition device
- Probe system, including probe head, probe body and styli

### INSIZE DMIS CNC CAD+ SOFTWARE

- The software is designed and developed based on the DMIS standard, with excellent compatibility and versatility
- Geometric element measurement, evaluation of shape and position
- Bidirectional data transfer with mainstream CAD systems, complete graphical display



### SPECIFICATION

Range		500×600×400mm
Probe system	head	MH20i
	body	TP20
Accuracy	MPEE	$\pm(3.5+L/250)\mu\text{m}$
	MPEP	3.9 $\mu\text{m}$
Repeatability		2.0 $\mu\text{m}$
Resolution of linear scale		0.4 $\mu\text{m}$
Max. load		300kg
Overall dimension (L×W×H)		1020×945×2200mm
Net weight		550kg

### STANDARD DELIVERY

Main unit		1 pc
Probe system	probe head	1 pc
	probe body	1 pc
	styli	1 set
Calibration sphere		1 pc
Universal sphere seat		1 pc
Computer		1 pc
Printer		1 pc
Software		1 set
Table and chair		1 set

### OPERATION ENVIRONMENT

Air pressure	0.6-0.8MPa
Air supply	200L/min
Temperature	20°C±2°C, <0.5°C/h, <1°C/24h
Humidity	30%~70%

**MH20i SPECIFICATION**

Angular movement with horizontal axis	0°~90° in 15 steps
Angular movement with vertical axis	±180° in 15 steps
Number of positions	168
Steering mode	manual
Max. extension length	75mm
Net weight	210g

**STYLI SET INCLUDED IN TP20**

Type	Material	Ball diameter	Length	Stem diameter	Effective working length	Quantity
Styli	ruby ball/ stainless steel stem	SØ2.5mm	20mm	Ø1.4mm	14mm	4 pcs
		SØ4mm		Ø1.5mm	20mm	1 pc
		SØ3mm	10mm	Ø1.5mm	7.5mm	1 pc

Type	Material	Diameter	Length	Quantity
Extension	stainless steel	Ø3mm	20mm	1 pc
		Ø3mm	30mm	1 pc
Center base		Ø7mm	7.5mm	1 pc