

COORDINATE MEASURING MACHINE (MANUAL)

Part No. CMM-MM564-U

FEATURES

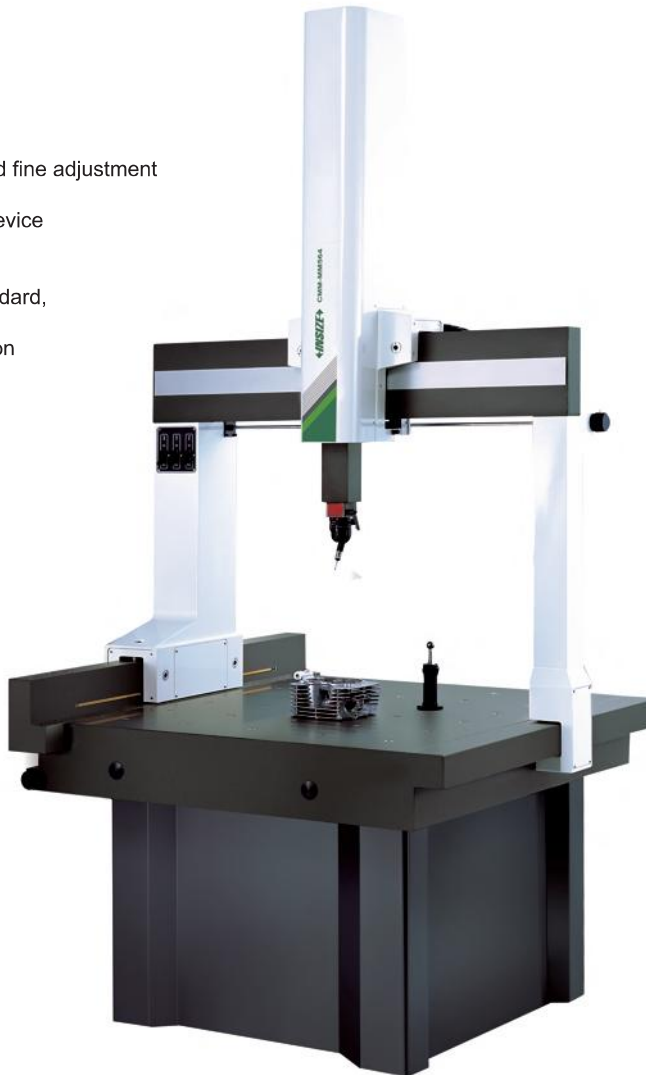
- Classic bridge structure, integrated workbench
- High precision air bearing
- Single key switches three axes between manual travel locking and fine adjustment

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		19.69×23.62×15.75"
Probe system	head	MH20i
	body	TP20
Accuracy	MPEE	±(3.5+L/250)μm
	MPEP	3.9μm
Repeatability		2.0μm
Resolution of linear scale		0.4μm
Max. load		661lb
Overall dimension (L×W×H)		40.2×37.2×86.6"
Net weight		1212lb

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	68°F±3.6°F; <32.9°F/h, < 33.8°F/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	2.95"
Net weight	0.46lb

STYLI SET INCLUDED IN TP20

Type	Material	Ball diameter	Length	Stem diameter	Effective working length	Quantity
styli	ruby ball/ stainless steel stem	SØ0.10"	0.79"	Ø0.06"	0.55"	4 pcs
		SØ0.16"		Ø0.06"	0.79"	1 pc
		SØ0.12"	0.39"	Ø0.06"	0.29"	1 pc

Type	Material	Diameter	Length	Quantity
extension	stainless steel	Ø0.12"	0.79"	1 pc
		Ø0.12"	1.18"	1 pc
center base		Ø0.28"	0.29"	1 pc