

COORDINATE MEASURING MACHINES (EXTRA LARGE RANGE)

FEATURES

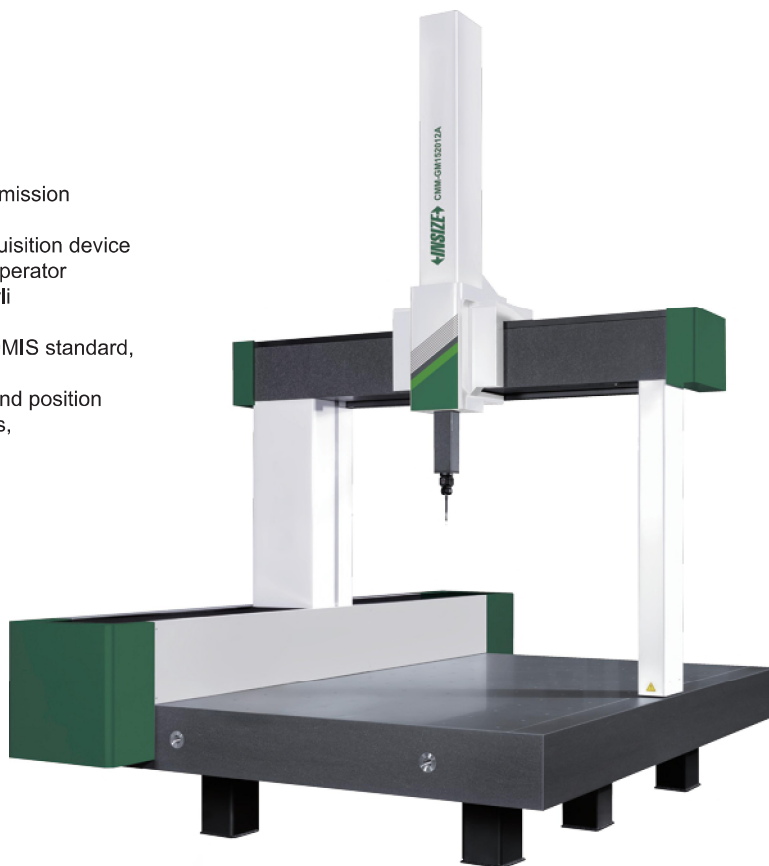
- Classic bridge structure, integrated workbench
- High precision air bearing
- The longest axis adopts high-precision gear profile transmission

RENISHAW SYSTEMS

- Precision grating system, including grating and data acquisition device
- UCC control system, including control box and manual operator
- 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



CMM-GM152012A-U

STANDARD ACCURACY (GM SERIES)

Part No.	Range(X×Y×Z)	Probe system		Accuracy		Max. load	Overall dimension	Net weight
		Head	Body	MPEE	MPEP			
CMM-GM152012A-U	59.1×78.7×47.2"	PH10T	TP20	±(3.8+L/250)μm	3.8μm	6614lb	127×107.9×159.4"	14551lb
CMM-GM152012B-U	(1500×2000×1200mm)	PH10M	SP25M	±(3.4+L/250)μm	3.4μm	(3000kg)	(3225×2740×4050mm)	(6600kg)
CMM-GM152512A-U	59.1×98.4×47.2"	PH10T	TP20	±(3.8+L/250)μm	3.8μm	6614lb	146.7×107.9×159.4"	16755lb
CMM-GM152512B-U	(1500×2500×1200mm)	PH10M	SP25M	±(3.4+L/250)μm	3.4μm	(3000kg)	(3725×2740×4050mm)	(7600kg)
CMM-GM153012A-U	59.1×118.1×47.2"	PH10T	TP20	±(3.8+L/250)μm	3.8μm	6614lb	166.3×107.9×159.4"	1940lb
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HIGH ACCURACY (GE SERIES)

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STANDARD DELIVERY

Main unit		1 pc
Probe system	Probe head	1 pc
	Probe body	1 pc
	styli	1 set
Control system		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%
Max. power	1000W
Power supply	110V±5%, 60Hz

PH10T AND PH10M SPECIFICATION

Angular movement with horizontal axis	0°~105° in 7.5 steps
Angular movement with vertical axis	±180° in 7.5 steps
Number of positions	720
Steering mode	motorized
Max. output torque	0.45N.m
Max. extension length	11.81"
Net weight	1.43lb

OPTIONAL SOFTWARE MODULE

Offline module	CMM-WM-OEM
Gear module	CMM-WM-GEM
Worm module	CMM-WM-WMM
Pipeline module	CMM-WM-PEM
Blade module	CMM-WM-BEM
SPC statistical analysis	CMM-WM-SPC
Network programming module	CMM-WM-NPM
Gear and worm kit module	CMM-WM-GSM
Automation module	CMM-WM-CNC

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

STYLI SET INCLUDED IN SP25M

Type	Material	Ball diameter	Length	Stem diameter	Effective working length	Quantity
Styli	ruby ball/ stainless steel stem	SØ0.06"	0.83"	Ø0.04"	0.55"	1 pc
		SØ0.08"		Ø0.06"	0.32"	1 pc
		SØ0.12"		Ø0.06"	0.47"	4 pcs
		SØ0.16"	1.22"	Ø0.10"	1.06"	1 pc
	ruby ball/ carbon fiber stem	SØ0.20"	1.97"	Ø0.12"	1.67"	1 pc
		SØ0.24"	2.95"	Ø0.16"	2.95"	1 pc

Type	Material	Diameter	Length	Quantity
Extension	stainless steel	Ø0.20"	0.39"	1 pc
		Ø0.16"	0.79"	1 pc
Center base		Ø0.39"	0.51"	1 pc