

Compact Type Coordinate Measuring Machine (CNC)

International Well-Known Motion Element

**Taiwan - HIWIN Precision Grade Linear Slides and
TBI High-Accuracy Ball Screw.**

International Advanced Sensor Probe

**England - Renishaw Electronic Auto Trigger Probe
Measuring System.**

International Latest Metrology Standard

**USA - RATIONAL DMIS CAD 3D
Graphical Measuring Software.**

German PTB (Physikalisch- Technische Bundesanstalt) Approved

**Guarantees the accuracy, efficiency,
and reliability of the software measuring algorithm**



High-Accuracy

Resolution: 0.5 μ m

Repeatability: 2.0 μ m

Measuring Accuracy: 2.5 μ m

High-Performance

**High-performance servomotor drive
system and precision linear slides
and ball screw.**

High-Functional

**DMIS CNC CAD Software
import & export**

Automatic programming measurement.



Metrology Technology Research & Development Co., Ltd.

Website: www.metrology.com.tw Email: jingstone@metrology.com.tw

Jingstone Precision Group

Since 1983 in TAIWAN

Compact Type Coordinate Measuring Machine (CNC)

The newly launched Model CMM-S, the Steed Series Compact Type Coordinate Measuring Machine (CNC), is the best inspection equipment designed especially for precision Quality Control Lab to measure the dimension of small machine components and finished products, also for On-Site Processing department to measure the dimension and geometry tolerance of work pieces.

The whole machine structure is made from high-precision black granite components, with great deformation resistance. In addition, both the motion and electronic control do not require air pressure system, the machine can be plug in power at anywhere to operate, it is very cost-effective, definitely more bang for your bucks.

Model No.	CMM-S322CNC		CMM-S433CNC	CMM-S544CNC
Measuring Range	300x200x200mm (X.Y.Z)	400x300x300mm (X.Y.Z)	500x400x400mm (X.Y.Z)	
Resolution	0.0005mm/0.00002” Linear Scale			
Measuring Accuracy	MPE _E : 2.5+L/300 (μm)			
Repeatability	MPE _P : 0.002mm			
Main Structure	3-Axis German DIN 0 Grade High-Accuracy Black Granite			
Motion System	XYZ 3-Axis Crossing Roller Slide, Z Axis Precision Ball Screw	XYZ 3-Axis Linear Slide and Precision Ball Screw		
Drive System	XYZ 3-Axis High Performance DC Motor Drive			
Electronic Control System	Multi-Functional Integrated Motion Electronic Control System and 3-Axis Handle Controller in all Domains			
Probe System	Renishaw MCP Manual Trigger Probe with Star styli Ruby Ball Set. Φ 1mm, Φ 2mm, Φ 3mm Ruby Styli 20mm Extension Rod, and Φ 20mm Ceramic Origin Standard Ball			
Measuring Software	RATIONAL DMIS CAD Auto 3D Graphical Display Measuring Software			
Computer Hardware	8.0G Quad I-Core Computer / Win 10 / 22" LED monitor / Sliding Key			
Dimension of Machine	520x760x1000mm(X.Y.Z)	715x1025x1100mm(X.Y.Z)	805x1175x1200mm(X.Y.Z)	
Machine Weight	160kg	320kg	430kg	
Maximin Loading	40kg	50kg	60kg	
Power	100V-240VAC ±10% 50-60Hz			
Operating Environment	Temperature -10℃ ~ 40℃, Humidity <70%RH. The Best Temperature of Measuring 18℃ ~ 22℃, Humidity 45%~65%RH.			
Optional Accessory	Indexing Probe Head / Changing Rack / Sensor Module / Fixture / Stylus Kit / Other Special Software			