

CNC Coordinate Measuring Machines

NC Series CMM

Structure Features:

The NC series is a high-class 3D CNC Coordinate Measuring Machine of highest performance granite, the 3 axis have same characteristic in temperature and rigidity.

Advanced synchronous belt drive system with non-slip and high stiffness, ensures high stability, no noise.

Transmission system uses high-power DC servomotor and new double level tape reducer to ensure rapid and accurate axes movement.

Granite worktable with integral dovetail guide in Y axis, eliminate the pitch and yaw, also provides superior motion stability.

High precise, high rigidity air bearing on all axes, can assure the guidance never be damped.

Good anti-aging out shape ability to assure the stability of accuracy.

Roomy worktable, convenient to fix and measuring parts.

Pneumatic system, Driver system, Control system are all world famous brand products.

Performance Features:

NC series CMM is newly designed in 21 Century which adopts all advantages of the CMM all over the world., it has best cost performance, satisfy inspecting of middle or small parts. It has advantage of simple, rapid, efficiency and powerful function.

NC series CMM can be equipped with contact and non-contact probe system of RENISHAW company, also can be equipped with LS series high accuracy laser scanning probe, LV series high accuracy CCD video probe to realize rapid scanning of complicated parts (doing Reverse Engineering) and non-contact measuring of small size parts.

Power Voltage: 220V

Air Pressure: 0.4-0.5Mpa

Filter Accuracy: 0.3 μ m

Air Supply: 0.12m³/min

Temperature Range: 18-22°C

Hour Temperature Cycle: 1°C/h

Thermal Gradient: 1°C/m

Relative Humidity: 55%-65%



Measuring Range(mm)			Accuracy(μ m) ISO 10360-2:2001	Overall Sizes			Part Sizes			Part Weight (Kg)	Order No.
X	Y	Z		Lx	Ly	Lz	Wx	Wy	Wz		
500	600	400	2.5+3.5L/1000	1350	1550	2350	700	800	500	500	642-1001
600	800	500	2.7+3.5L/1000	1450	1800	2550	800	1000	600	700	642-1002
800	1000	700	2.9+4.0L/1000	1700	2150	3000	1000	1200	800	1000	642-1003
1000	1200	800	3.5+4.0L/1000	1850	2400	3200	1200	1400	900	1000	642-1004

CNC Granite Components

We can supply different CNC granite components according to customer special requirement such as bases, column, beam, railway.

