

Metroking --MOST ACCURATE CMM DESIGN AVAILABLE

Metroking series CMM which adopt many years experience of design and manufacturing high accuracy CMM is representative of high accuracy CMM verified by different industries, with unequaled stability of high accuracy.

By using full granite structure, finite element analysis, fixed gantry type designing Metroking series CMM, it has high stability and reliability.

Beam, substrate, upright post, worktable are all made of granite and Z axis has totally enclosed structure, this give CMM feature of good mechanical stability, good thermal stability.

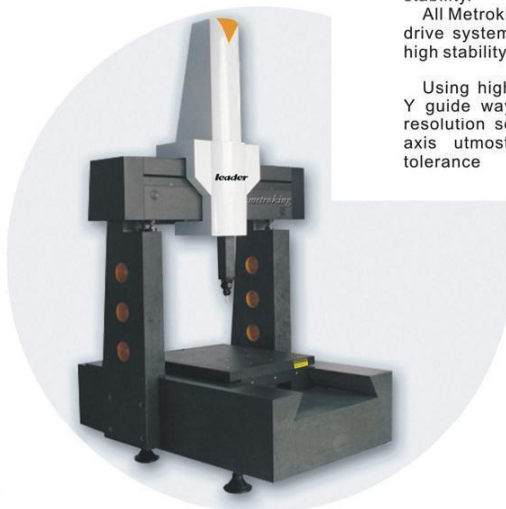
All Metroking series CMM adopt advanced synchronous belt drive system with non-slip and high stiffness ensures CMM high stability, no noise, long life.

Using high accuracy integral double dovetail structure on Y guide way, center drive of all 3 axis, assembling high resolution scale centrally, can inhibit swing, pitching of 3 axis utmost in moving and give the smallest abbes tolerance

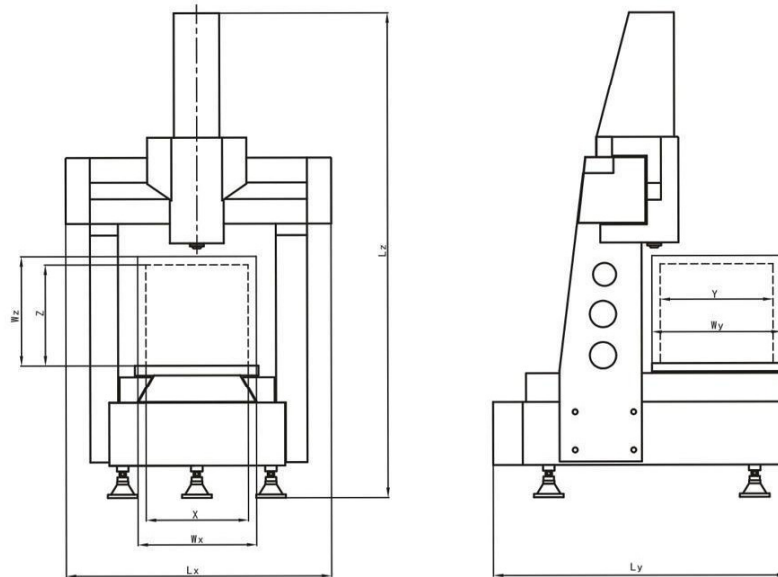
Using world famous brand high power motor and driver, improve greatly the movement control feature, CMM is more rapid and stable in acceleration, brake and movement.

By using imported Pneumatic system, Zaxis operate with balance, stability, improving position accuracy, using 3 grade air filter system, high filter accuracy to promise guide way long life. Imported flexible chain, cable to promise control system a long life.

The CMM is stable and reliable, full granite structure gives it a long life and a good mercantile rate of return.



Metroking Sery SPECIFICATIONS



MODEL	STROKES			MEASURING ACCURACY				OVERALL SIZE			WORK ENVELOPE			WEIGHT	PART WEIGHT
	行程范围			ISO10360-2:2001/GB/T16857.2-2006				主机外廓尺寸			允许工件尺寸				
	X	Y	Z	TP20		TP200		Lx	Ly	Lz	Wx	Wy	Wz	Kg	Kg
NCF553	500	500	300	1.5+L/300	1.6	1.2+L/300	1.4	1600	1400	2550	600	600	400	6000	300
NCF564	500	600	400	1.6+L/300	1.7	1.4+L/300	1.5	1600	1600	2750	600	700	500	6200	350
NCF574	500	700	400	1.6+L/300	1.7	1.4+L/300	1.5	1600	1800	2750	600	800	500	6600	350
NCF584	500	800	400	1.6+L/300	1.7	1.4+L/300	1.5	1600	2000	2750	600	900	500	7100	600
NCF565	500	600	500	1.6+L/300	1.7	1.4+L/300	1.5	1600	1600	2950	600	700	600	6500	350
NCF575	500	700	500	1.6+L/300	1.7	1.4+L/300	1.5	1600	1800	2950	600	800	600	6800	500
NCF585	500	800	500	1.6+L/300	1.7	1.5+L/300	1.5	1600	2000	2950	600	900	600	7000	600
NCF686	600	800	600	1.8+L/300	1.9	1.6+L/300	1.8	1700	2000	3150	700	900	700	7200	600
NCF6106	600	1000	600	1.8+L/300	1.9	1.6+L/300	1.8	1700	2400	3150	700	1100	700	7500	700
NCF8106	800	1000	600	1.8+L/300	1.9	1.6+L/300	1.8	1900	2400	3150	900	1100	700	7800	700
NCF10126	1000	1200	600	1.9+L/300	2.0	1.7+L/300	1.9	2100	2800	3150	1100	1300	700	9800	800
NCF12156	1200	1500	600	1.9+L/300	2.0	1.7+L/300	1.9	2300	3400	3150	1300	1600	700	11600	1000
NCF10128	1000	1200	800	1.9+L/300	2.0	1.7+L/300	1.9	2100	2800	3350	1100	1300	900	10800	800
NCF10158	1000	1500	800	1.9+L/300	2.0	1.7+L/300	1.9	2100	3400	3350	1100	1600	900	12000	1000
NCF12158	1200	1500	800	1.9+L/300	2.0	1.7+L/300	1.9	2300	3400	3350	1300	1600	900	12500	1000

Miracle series CMM can be equipped with contact and non-contact probe system, of Renishaw company. It can also 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: 0.3µm
Air Supply: 0.12m³/min

Temperature Range: 19-21°C
Hourly Temperature Cycle: 0.5°C/h
Thermal Gradient: 0.5°C/m
Relative Humidity: 55%-65%