

Navigator Sery

THE HIGH VERACITY SOLVENT FOR ENORMOUS PARTS INSPECTION

Navigator series gantry type CMM suit for accuracy inspection of enormous parts, such as automobile, aviation, vessels and big molds.

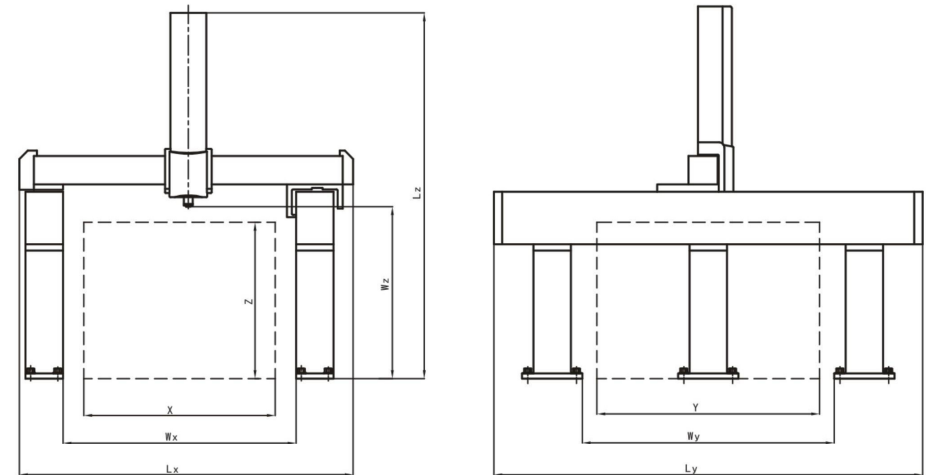
Navigator series CMM has feature of high accuracy, high strength, high rigidity and good stability, it can be used in workshop.

Navigator series CMM have many safety facilities, high safety in operating, it has optical temperature compensation system to do total volumetric error compensation, with double scale and driving system, it has good stability and performance by making use of simple mechanical structures.

Navigator series CMM can deploy Renishaw' s all series trigger probe and contact scanning probe and LS series laser scanning probe, high accuracy laser point scanning probe to realize quickly scanning of complicated parts (Reverse Engineering)



Navigator Sery SPECIFICATIONS



MODEL	STROKES (mm)			MEASURING ACCURACY (μm)		Repeatability (μm)	WEIGHTS (kg)
	X	Y	Z	E (μm)	R (μm)		
NCG203015	2000	3000	1500	7.5+7.5L/1000	8+8L/1000	8	8000
NCG204015	2000	4000	1500				9500
NCG205015	2000	5000	1500				11000
NCG253015	2500	3000	1500	9+9L/1000	10+10L/1000	10	8150
NCG254015	2500	4000	1500				9650
NCG255015	2500	5000	1500				11150
NCG203020	2000	3000	2000	11+11L/1000	12+12L/1000	12	8100
NCG204020	2000	4000	2000				9600
NCG205020	2000	5000	2000				11100
NCG253020	2500	3000	2000	11+11L/1000	12+12L/1000	12	8250
NCG254020	2500	4000	2000				9750
NCG255020	2500	5000	2000				11250

Power Voltage: 220V
Air Pressure: 0.4-0.5Mpa
Filter Accuracy: 0.3μm
Air Supply: 0.12m³/min

Temperature Range: 18-22°C
Hourly Temperature Cycle: 1°C/h
Thermal Gradient: 1°C/m ¥
Relative Humidity: 55%-65%