

SPH series CNC VMM

SPH series CNC vision measurement machine adopt bridge type structure, the measured parts will not change position when machine moving, in this way to make sure machine measuring accuracy and stability. On another hand installed with HIWIN line guider way, grinding level ball screw, and most powerful Panasonic servo motor moving system recognized by the whole industry as the most reliable system, high accuracy metal reflect type transducer from Europe, those make sure machine have powerful performance, high stability and long life.

Model	SPH-5040	SPH-7060	SPH-8060	SPH-1080	SPH-1210	SPH-1812
X,Y,Z travel (mm)	400x500x200	600x700x200	600x800x200	800x1000x200	1000x1200x200	1200x1800x200
Overall dimensions (cm)	130x110x180	150x120x180	160x120x180	180x150x180	190x190x180	270x210x180
Machine weight	700 kgs	1100 kgs	1200 kgs	1500 kgs	1800 kgs	2200 kgs
Repeatability	2 μ m					
Max table load	50 kgs					
Operation mode	Automatic CNC control, by mouse, keyboard or joystick / Super high speed and high trusty Ethernet connect with computer					
Resolution	0.5 μ m					
X,Y,Z precision	(2.5+L/250) μ m					
Light source system	software controlled 8 zone surface light, coaxial light and straight contour light					
Structure	00 grade granite base and mast					
Lens	High precision motorized Tele-centric auto-zoom lens					
Probe system	English RENISHAW precision touch probe					
Magnification	Optical enlarging rate 0.7-4.5x, image enlarging rate 30-200x					
Moving system	Japanese Panasonic AC servo motor & driver					
Vision system	1980×1080 high resolution 1/2" industrial camera					

