

### LSP series CNC VMM

The 3 axis of LSP series CNC vision measurement machine adopt the Panasonic AC servo motor system, recognized by the whole industry as the most reliable system, together with a high speed high accuracy full closed-loop controller to make sure high speed and reliable movement. Reflect type transducer reduce different direction moving error, especially for big traversal machine. Those make sure LSP have powerful performance on program measurement.

Model	LSP-3020	LSP-4030	LSP-5040	LSP-6050
X,Y,Z travel (mm)	300x200x200	400x300x200	500x400x200	600x500x200
Overall dimensions (cm)	90x70x175	110x80x175	130x90x175	140x95x175
Machine weight	300 kgs	400 kgs	500 kgs	700 kgs
Repeatability	2 $\mu$ 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 $\mu$ m			
X,Y,Z measurement precision	(2.5+ L/250) $\mu$ 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	UK 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	1280x1024 high resolution 1/2" industrial camera			

