

Aerospect SPS 1000 C Specification

General

Column Height:	2641 mm (104.00 in)
Max Diameter:	1160 mm (45.66 in)
Granite:	1524 x 918 x 254mm thick (60 X 36 X 10 in thick)
Worktable Height:	675 mm (26.6 in)
Machine Weight:	1859 kg (4090 lbs)
Electrical Cabinet Weight:	234 kg (515 lbs)

Air Bearing

Load Capacity:	1000 lbs (455 Kg) Optional 2500 lbs (1137 Kg)
Radial accuracy:	0.125 μ m (5 μ in)
Axial accuracy:	0.125 μ m (5 μ in)
Tilt Error Motion (coning):	< 0.025 μ m/mm (< 1 μ in/in)

Tilt & Center

Tilt Adjustment:	+/- 1°
Center Adjustment:	+/- 3.1mm (0.125 in)
Axis of Tilt:	95mm (3.8 in) Above Worktable
Work Table Diameter:	455 mm (18 in) optional 500 mm, 605 mm, 813 mm (19.6 in, 24 in, 32 in)

Gage Heads (4- Std, 8- optional)

Cartridge Style:	0.375" OD, +/- 1 mm (0.040") travel
Lever Style:	+/- 0.30mm (+/-0.012") travel
Ultra Small:	+/- 0.25 mm (+/- 0.010") travel
Measurement resolution:	0.25 μ m (10 μ in)

Note: Other Gage heads available upon request

Electrical

Encoder:	1000 line
Flat screen LCD Display	
Industrial Computer	
CE Approved	
Printer included	
Power:	120VAC-50/60hz or 220 VAC-50/60hz
Power Consumption:	500VA
Air Requirements:	Pressure: 50 – 80 psig
Air Usage:	1.5 scfm @ 60 psig, (42 l/min)



SPS Column

1000lbs or 2500 lbs load capacity. 2300 mm tall parts and assemblies may be conveniently measured and stacked.

* Floor plan available on request

Serving a global market

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Floor Plan

