

Aerospect SP-150DT Specification

General

Post Height:	508 mm (20 in) optional 635 mm, 762 mm (25 in, 30 in)
Arm Length:	457 mm (18 in)
Granite:	762 mm x 508 mm x 152mm thick (30 in X 20 in X 6 in thick)
Worktable Height:	1016 mm (40 in)
Machine Weight:	720 lb (327 kg)

Air Bearing

Load Capacity:	150 lb (68 kg)
Radial / Axial:	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 mm (0.125 in)
Axis of Tilt:	51mm (2 in) above worktable
Work Table Diameter:	200 mm (8 in) optional 250 mm, 300 mm (10.6 in, 12 in)

Gage Heads (4- Std, 8- optional)*

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

SPS-150DT

150 lbs capacity. Perfect for small turbine components and assemblies.

Optimize your high speed engine stacks.

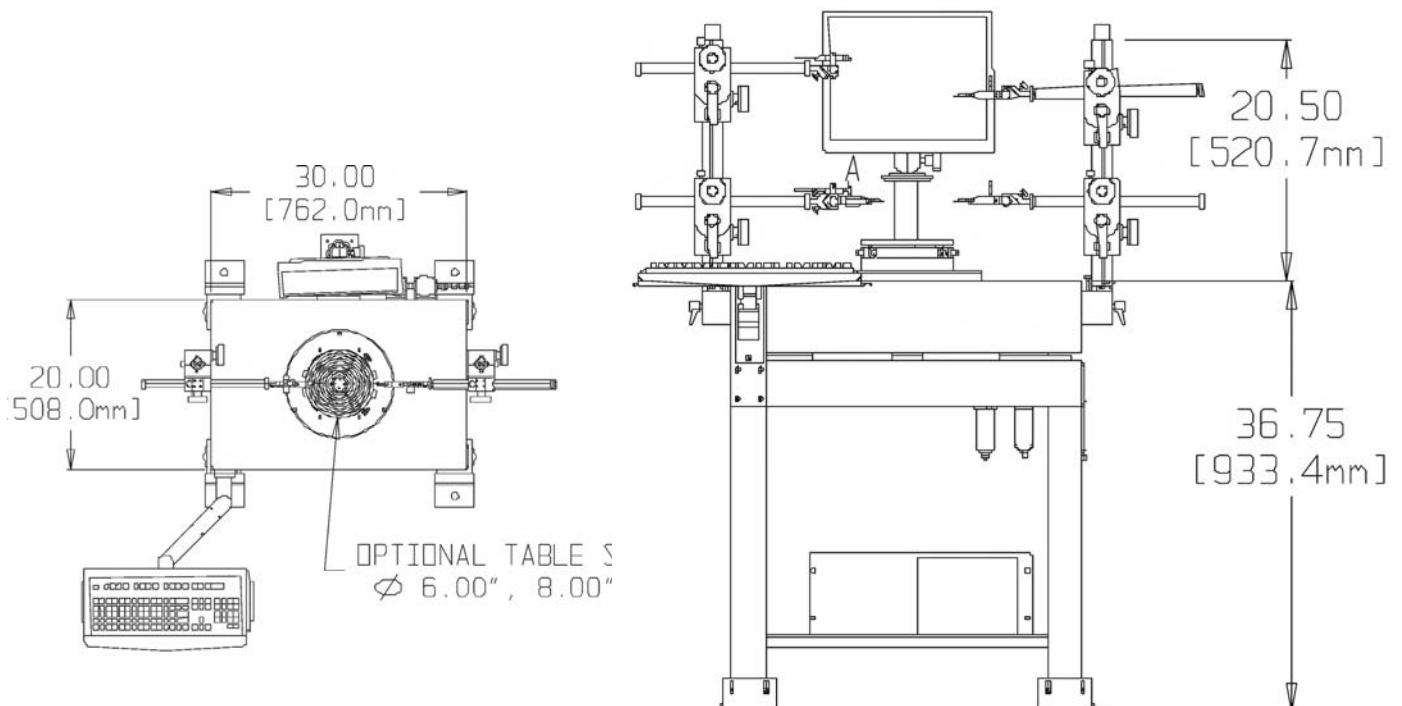


Electrical

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:	1.0 scfm @ 60 psig, (28 l/min)

*Note: Other Gage heads available upon request

Floor Plan



NOTE: AMETEK Precitech pursues a policy of continual improvement due to technical developments. We therefore reserve the right to deviate from catalog specifications.

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