

Expand functions. Combine options. Proposal of user customization for improved efficiency

CNC Table Option

1. The standard measuring system (S1500, C1700, C1710, C2700, S1900, S1910, S2900, S2000 S1400G, C1600G, S1800G, S2800G Series) can be automated by adding a CNC table unit.
2. CNC table control, and simplified teaching and playback can be performed from the integrated measuring software.
3. The Y-axis table and rotary table can be rearranged as needed in order to configure the system to suit the workpiece.



Example of Y-axis CNC table (100 mm) and θ -axis CNC table (horizontal) combination

	Y-axis CNC table (100 mm)	
	E-AT-S105A	
	Travel	100 mm
	Max. travel speed	50 mm/s
	Positioning accuracy	20 μ m
	Max. load	30 kg
Weight	Approx. 19 kg	
	Y-axis CNC table (200 mm)	
	E-AT-S106A	
	Travel	200 mm
	Max. travel speed	50 mm/s
	Positioning accuracy	20 μ m
	Max. load	30 kg
Weight	Approx. 22 kg	

	θ -axis CNC table (Horizontal)	
	E-AT-S107A	
	Travel	360°
	Max. travel speed	20°/sec
	Positioning accuracy	0.03°
	Max. load	15 kg
Weight	Approx. 2.5 kg	
	θ -axis CNC table (Vertical)	
	E-AT-S108A	
	Travel	360°
	Max. travel speed	20°/sec
	Positioning accuracy	0.03°
	Max. load	5 kg
Weight	Approx. 3.2 kg	

Auto-Leveling Table Option

Allows auto leveling when used in combination with a SURFCOM series instrument. Eliminates the need for surface tilt adjustment.

	1-axis auto leveling table	
	E-AT-S72A	
	Leveling range	$\pm 1^\circ$
	Max. load	5 kg
	Weight	3 kg

	2-axes auto leveling table	
	E-AT-S62A	
	Leveling range	X-axis: 1°, Y-axis: 1°
	Max. load	10 kg
	Weight	4 kg

* Requires separate controller.

Non-Contact Roughness Pickup Option

In combination with a SURFCOM series instrument, the pickup provides surface texture measuring of plastic, film, paper, and other soft objects.



Measuring range (Z)	300 μ m
Resolution (Z)	10 nm
Max. measuring angle	30°**
Spot diameter	2 μ m
Workpiece distance	4.5 mm
Detection principle	Color confocal system
Light source	White light
Supported systems	S480B, S1400G, S1500DX3/SD3, S1800G, S2800G, S2000DX3/SD3, S1900DX3/SD3, S2900DX3/SD3, S1910DX3/SD3

** Depends on workpiece reflectance, material, and color.

