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

CNC Table Option

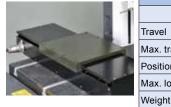
- 1. The standard measuring system (S1500, C1700, C1710, C2700, S1900, S1910, S2900, S2000 S1400G, C1600G, S1800G, S2800G Series) can be automated by adding a CNC table unit.
- 2. CNC table control, and simplified teaching and playback can be performed from the integrated measuring software.
- 3. The 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 µm			
Max. load	30 kg			
Weight	Approx. 19 kg			
Y-axis CNC table (200 mm)				
F-AT-S106A				



/eight	Approx. 19 kg	
Y-axis CNC table (200 mm)		
E-AT-S106A		
avel	200 mm	
ax. travel speed	50 mm/s	
ositioning accuracy	20 µm	
ax. load	30 kg	

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	1-axis auto leveling table		11000	2-axes auto leveling table	
	E-AT-S72A			E-AT-S62A	
	Leveling range	±1°		Leveling range	X-axis: 1°, Y-axis: 1°
	Max. load	5 kg		Max. load	10 kg
	Weight	3 kg		Weight	4 kg

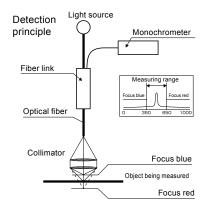
* Requires separate controller.

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 µm
Resolution (Z)	10 nm
Max. measuring angle	30°*
Spot diameter	2 µm
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.

