

Applications

● CNC table

1. The standard measuring system (S1500, C1700, C2700, S1900, S2900, S2000 S1400, C1600D, S1800D, S2800E Series) can be automated by adding a CNC table unit.
2. CNC table control, and simplified teaching and playback can be performed from the TIMS 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 (100mm) and θ -axis CNC table (horizontal) combination

Specifications	
<Y-axis CNC table (100mm)>	
E-AT-S105A	
Travel	100mm
Maximum travel speed	50mm/s
Positioning precision	20 μ m
Max. load	30kg
Weight	Approx. 19kg
<Y-axis CNC table (200mm)>	
E-AT-S106A	
Travel	200mm
Maximum travel speed	50mm/s
Positioning precision	20 μ m
Max. load	30kg
Weight	Approx. 22kg
<θ-axis CNC table (Horizontal)>	
E-AT-S107A	
Travel	360°
Maximum travel speed	20°/sec
Positioning precision	0.03°
Max. load	15Kg
Weight	Approx. 2.5 kg
<θ-axis CNC table (vertical)>	
E-AT-S108A	
Travel	360°
Maximum travel speed	20°/sec
Positioning precision	0.03°
Max. load	5kg
Weight	Approx. 3.2kg



Y-axis CNC table (100mm)



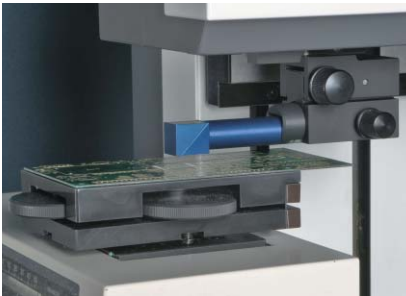
Y-axis CNC table (200mm)



θ -axis CNC table (vertical)

● Non-contact pickup (E-DT-SL12B)

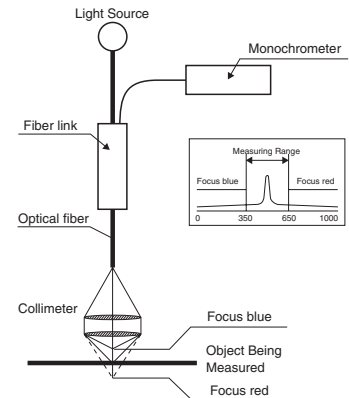
In combination with a SURFCOM Series machine, the device provides surface texture measuring of plastic, film, paper, and other soft objects.



Specifications	
Measuring Range (Z)	300 μ m
Resolution (Z)	10nm
Max. measuring angle	± 30 degrees*
Spot size	2 μ m
Workpiece distance	4.5mm
Detection principle	Color confocal system
Light Source	White light
Supported systems	S480A, S1400D, S1500DX/SD S1800D, S2800E, S2000DX/SD S1900DX/SD, S2900DX/SD

* Depends on workpiece reflectance, material, and color.

<Detection principle>



● Automatic Adjustment Stand

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

1-axis Auto Leveling Table (E-AT-S72A)

<Specifications>

- Leveling range : $\pm 2^\circ$
- Max. load : 5kg
- Weight : 3kg
- Supported systems : S1400D, S1500



2-axis Auto Leveling Table (E-AT-S62A)

<Specifications>

- Leveling range : $\pm 2^\circ$
- Max. load : 5kg
- Weight : 4kg
- Supported systems : S1400D-3DF, S1500-3DF

