

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



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

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.

| 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.

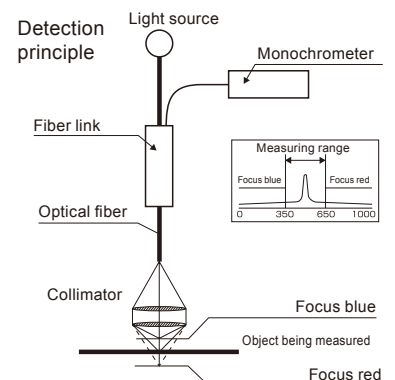
Non-Contact Roughness Pickup Option

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, NEX, S1910DX3/SD3 |

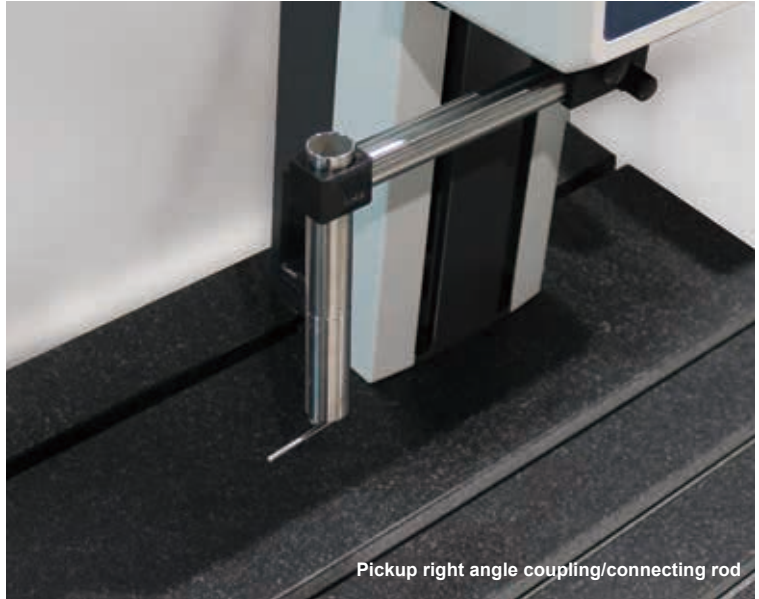
* Depends on workpiece reflectance, material, and color.



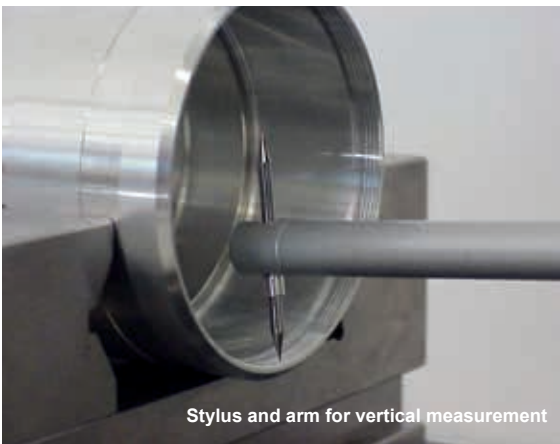
Example of optional equipment



Pickup holder coupling required



Pickup right angle coupling/connecting rod



Stylus and arm for vertical measurement



Ultra-long hole connect rod



Installation of horizontal tracer



Round surface roughness tracing driver



Tilting device



Ultra-long arm