

SV-C4500CNC HYBRID TYPE1

CNC Surface Roughness and Contour
Measuring Systems Equipped with
Non-contact Point Sensor



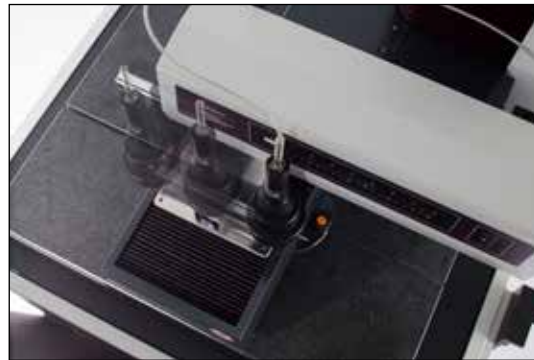
FORM MEASUREMENT



Formtracer Extreme SV-C4500CNC HYBRID TYPE1

This system is equipped with a chromatic confocal non-contact point sensor (CPS). It is also a flexible CNC form measuring system that allows contact measurement by replacing the sensor.

- **Non-contact Measurement Advantages**
 - Allows measurement without any scratch on a workpiece surface.
 - Allows measurement of soft materials and thin parts.
 - Allows measurement of high-hardness workpieces without concern for stylus abrasion.
- **Features of CPS**
 - High performance for inclination tracking (CPS2525: Diffusing surface $\pm 80^\circ$)
 - Measurement little sensitive to a variation in reflectance on a workpiece with the auto brightness control function (using white LED)
 - Improvement in total throughput thanks to high speed of measurement



Mitutoyo

Mitutoyo Europe GmbH

Borsigstraße 8-10
41469 Neuss Germany

Tel. +49 (0) 2137-102-0
Fax +49 (0) 2137-102-351

info@mitutoyo.eu
www.mitutoyo.eu



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