

# SV-C4500CNC HYBRID TYPE1

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

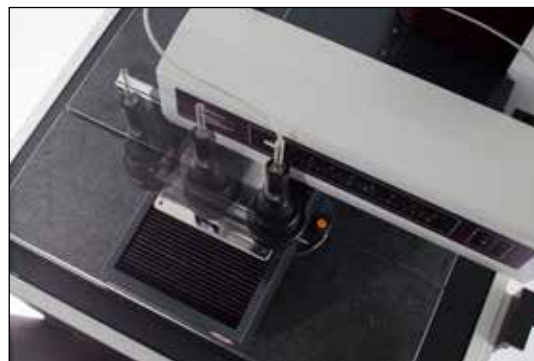


FORM MEASUREMENT

## 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



Find additional product literature  
and our product catalogue

[www.mitutoyo.eu](http://www.mitutoyo.eu)

**Note:** Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

MITUTOYO and MICAT are either registered trademarks or trademarks of Mitutoyo Corp. in Japan and/or other countries/regions.

Other product, company and brand names mentioned herein are for identification purposes only and may be the trademarks of their respective holders.

Coordinate Measuring Machines

Vision Measuring Systems

Form Measurement

Optical Measuring

Sensor Systems

Test Equipment  
and Seismometers

Digital Scale and DRO Systems

Small Tool Instruments  
and Data Management