SURFCOM 130A

Operator-oriented Operation for the Workplace
Compact Field Surface Measuring Instrument

CE

TFT color LCD

LCD Panel Simplifies Operation

● Simply select the desired operation from the color LCD touch panel with a wide field of view or the reasonable monochrome LCD.

Monochrome LCD

Highly Portable Compact Unit

● The unit is small enough for use at virtually any location.

Supports International Standard Analysis Parameters

● Select the desired standard: JIS, ISO, DIN, ASME or CNOMO.

Satisfies European Directives for CE Marking

Best of Class Straightness Accuracy
0.3 μ m/50mm !!

Simplified 16% rule automatic discrimination

Supported Languages
English, Japanese, German, French, Italian, Spanish and Chinese!

Customize Icons

The customize function can be used to create a special menu where only the icons that are used most frequently are displayed, substantially enhancing operational efficiency.

AI Function (patented)

The AI (artificial intelligence) function automatically selects the ideal cut-off value, measuring range and other conditions by simply entering the parameters and allowable values denoted on the machining drawing. This automates measurement.

Guidance Function

This function guides the user through the measuring procedures, enabling beginners to make measurements.

Memo Function

A short note or diagram can be entered with the touch pen and printed using the memo function.

Host of Analysis Functions

The unit incorporates 34 types of roughness parameters (Ra, Rz, Ry, Sm, S, tp, etc.) and 32 types of waviness parameters. The steps on electrical parts, film thickness, surface area and other items can be analyzed.

Tilt Correction Function

Six types of automatic tilt correction are provided: Linear, first half, latter half, both end, round surface and spline curve (patented).
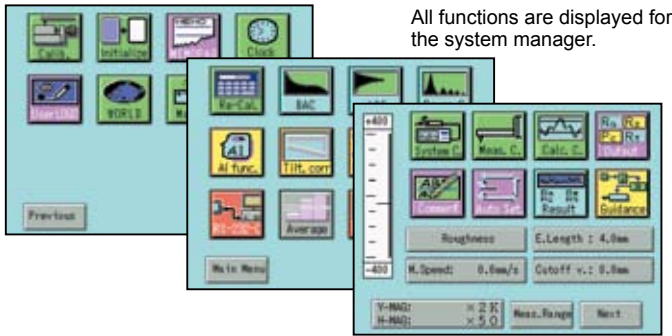
Evaluation Range Setting (patented)

The waveform on the screen is enclosed by two cursors, allowing the desired evaluation range to be set and the parameters to be calculated.

PC Card Slot

Measuring conditions, measured result management or measured data can be output in binary and text format. This data can be easily read from the PC card slot on a personal computer. Storage of data on CF cards and other types of memory cards is possible to use.
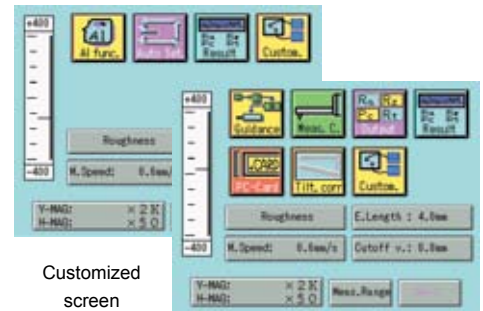
ACCRETECH **TOKYO SEIMITSU**

■Convenient Mode Select Function for System Manager/Operator

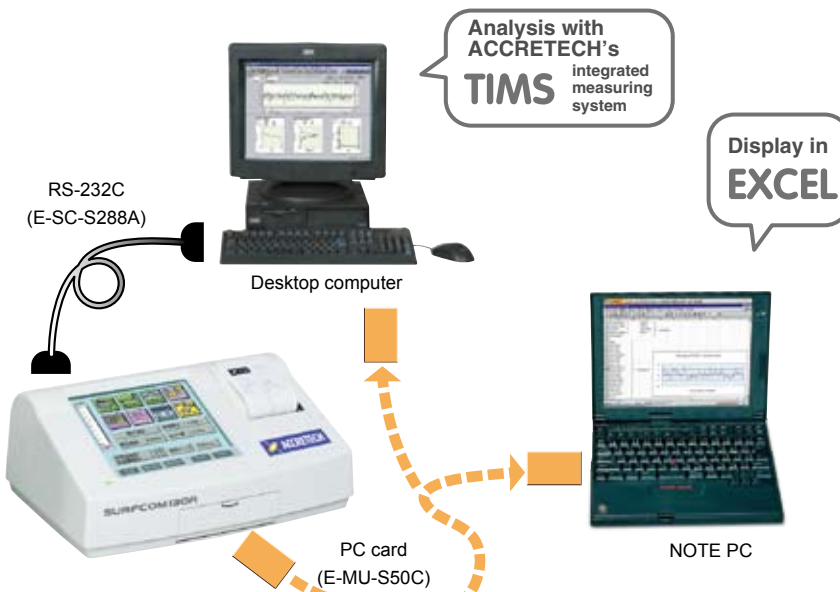All functions are displayed for the system manager.

Only required functions are displayed for the operator.

All-function screen
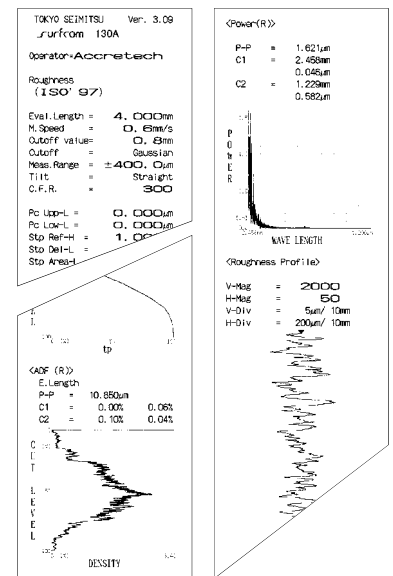
Customized screen

■Flexible Data Analysis

Analysis with ACCRETECH's **TIMS** integrated measuring system

RS-232C (E-SC-S288A)

Desktop computer

Display in EXCEL

PC card (E-MU-S50C)
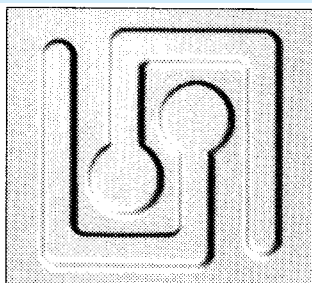
NOTE PC

■Sample Data Sheet

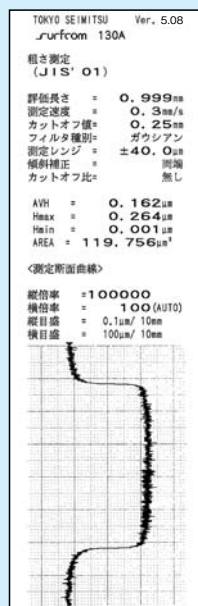PC card(E-MU-S50C)及びPC接続用RS-232Cケーブル(E-SC-S288A)はオプションです。

■ Outstanding Analysis Functions

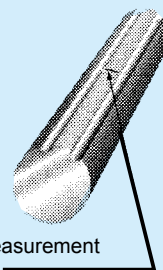### ● Step Profile Evaluation

【Example Measurement】
Hybrid IC

Can be used for hybrid IC, magnetic head, and other step measurement, film measurement, and surface area measurement.

● R-Surface Correction

【Example Measurement】
Shaft

Measurement points
A notched workpiece measuring function makes it possible to eliminated unused parted.