

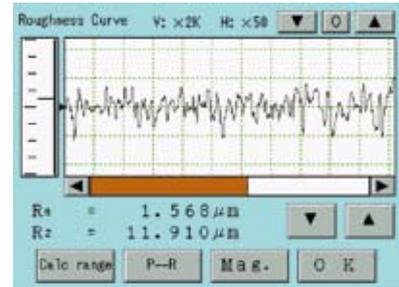
SURFCOM 480B

Operator-oriented Operation for the Workplace

New Surface Texture Measuring Instrument for Easy Operation



SURFCOM 480B-12



Supported Languages English, Japanese,
German, French, Italian, Spanish and Chinese!
JIS2001 compliant!
Simplified automatic 16% rule application

TFT Color LCD Touch Panel

The color LCD touch panel with a wide field of view features high clarity. Simply touch the desired icon to perform operation. Touch panel input can be performed by using your finger or with the touch-pen provided, facilitating on-site measurements.

Supports International Standards

The 480A supports analysis parameters for JIS (2001/1994/1982), ISO, DIN, ASME and CNOMO standards, and can be switched between English, Japanese, German, Italian, French, Spanish and Chinese. In addition, any power source between AC100V and 240V can be used, and the unit satisfies the European Directives for the CE Marking.



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.



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.



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.



Tilt Correction Function

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



Guidance Function

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



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.



Memo Function

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



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.

