

# Surface Texture Measuring Instrument

## SURFCOM TOUCH

### Quick Reference

# ACCRETECH

Tokyo Seimitsu Co., Ltd.

Refer to the Reference Guide for detailed operating procedures.

DT01500-R004-E1

Mar.01.2018

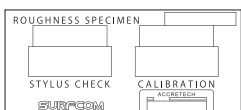
Printed in Japan.

## Measurement Preparations

Be sure to perform every day before measurement.

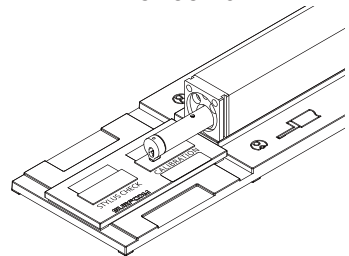
### Prepare for calibration

#### Roughness Specimen

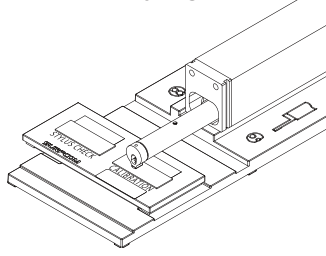


Use the roughness specimen to perform calibration and the stylus check.

For 35/40



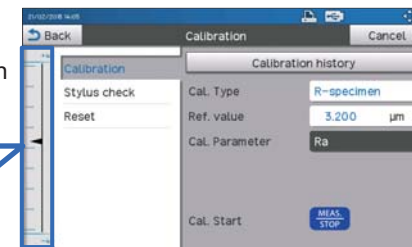
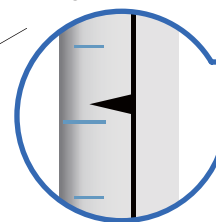
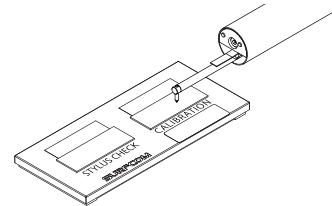
For 45



Use the included calibration plate.

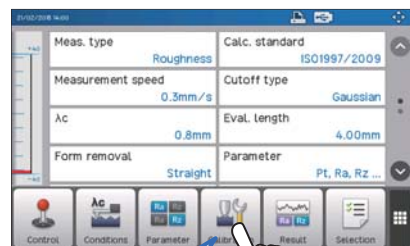
For 50/550

Make sure that the level meter is pointing around the center of level meter once the stylus makes contact with the surface of the roughness specimen to be measured.

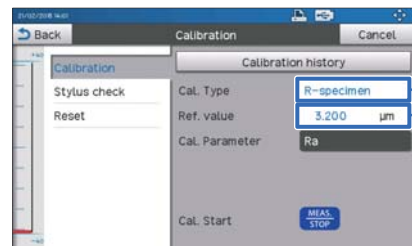


Level Meter

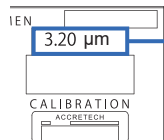
### Perform calibration



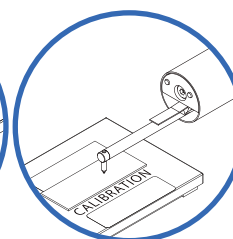
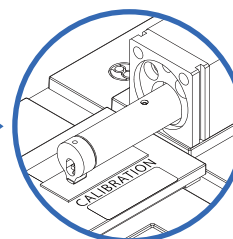
Tap [Calibration].



Select [R-specimen].



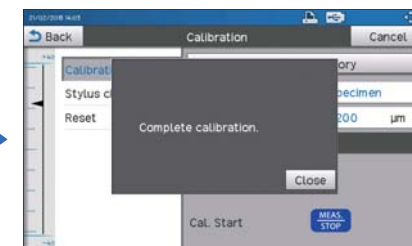
Enter the reference value printed on the top of the CALIBRATION side of roughness specimen.



Press

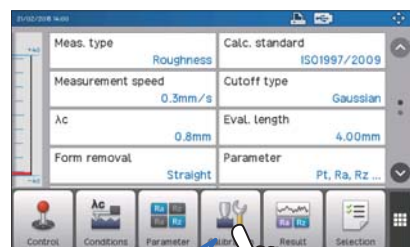
**MEAS. STOP**

to begin calibration.

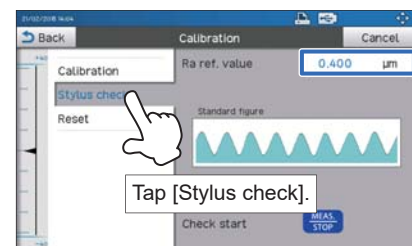


Calibration is completed.

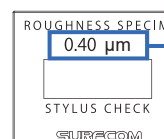
### Perform a stylus check



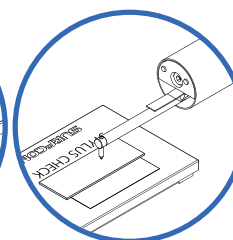
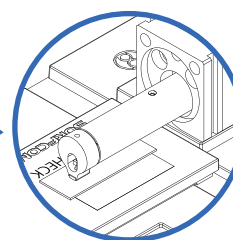
Tap [Calibration].



Tap [Stylus check].



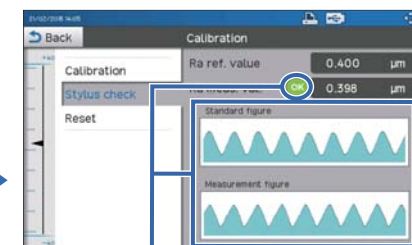
Enter the reference value printed on the STYLUS CHECK top of the roughness specimen.



Press

**MEAS. STOP**

to begin calibration.



- [OK] is displayed.
- Compare the waveform on the measurement figure to the standard figure to make sure there is no distortion.

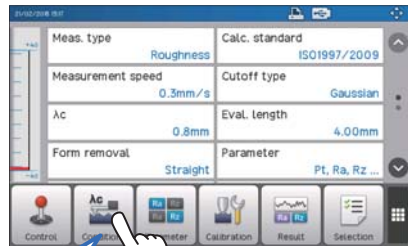
Check the results display.

Continued on reverse.

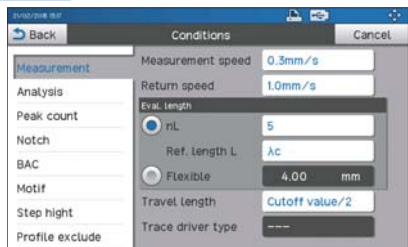
## Measurement and Printing

Measure a workpiece and check the measurement results.

### Measure a workpiece



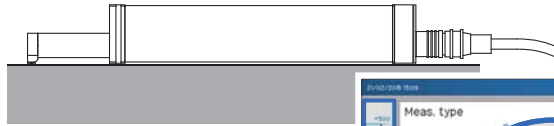
Tap [Conditions].



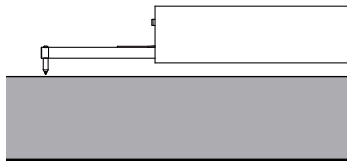
Set the measurement conditions.

Set up the pickup/stylus on the workpiece.

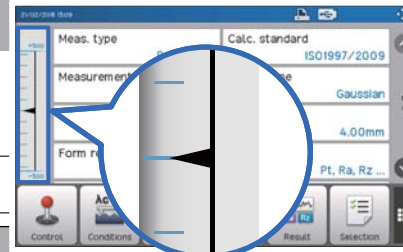
For 35/40/45



For 50/550



Make sure the level meter is pointing near the center.

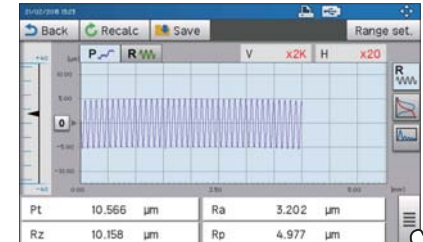


Press

MEAS.  
STOP

to begin measurement.

Measurement is completed  
Measurement result is displayed.



Tap Back



Tap

Pt	11.432 μm
Ra	3.201 μm
Rz	10.061 μm
Rp	4.951 μm
Rt	10.085 μm
RSm	100.234 μm
PC	254.0

## Basic Screen Operations

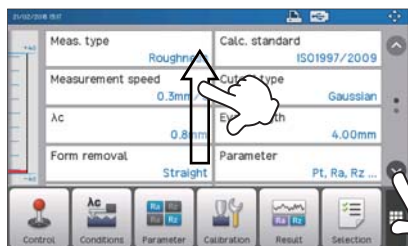
Tap the icons or swipe the screen to intuitively transition between screens.



Tap any icon



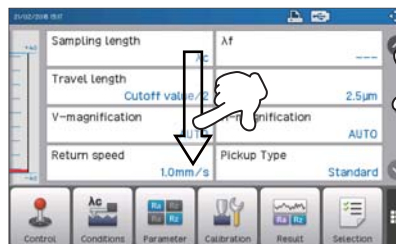
Tap Back



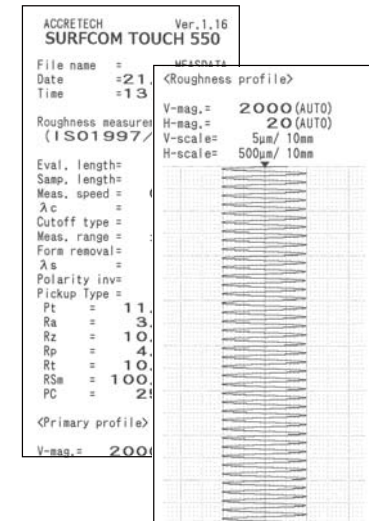
Swipe up or tap



Swipe down or tap



Press the PRINT button.



Printing begins