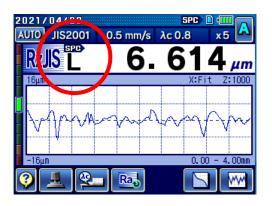
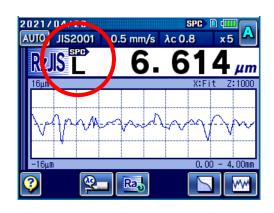
## What Does "L" Indicated in the Measurement Result Mean?

[Target Model: SJ-210/310/410/500, SV-2100]



In some cases, "L" is indicated in the measurement result as shown below. The meaning of the indication and how to deal with it are explained on the next page.







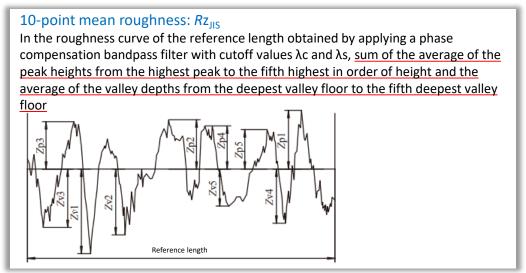
Screen of SJ-410 Screen of SJ-310 Screen of SJ-210

What does the "L" indication mean?

This indicates that the measurement result was calculated with **insufficient "peaks" and "valleys" on the roughness profile** when calculating the 10-point mean roughness (Rz in the old JIS and Rz<sub>JIS</sub> in the current JIS).

When calculating the 10-point mean roughness, five "peaks" and five "valleys" must be shown in the waveform on the roughness curve, as per the definition below.

\*The peak and valley are defined as 10% or more of the "maximum height" (Ry in the old JIS and Rz in the current JIS) of the roughness curve.



How to deal with the problem

<u>This problem is not solved by changing the setting of the measuring instrument.</u> This problem is caused by the "surface condition of the workpiece". Therefore, you need to change the measurement point and try measurement again.

Extra information

If no peaks (or valleys) are taken at all (zero peaks or valleys), calculation is not performed. (Calculation error) You cannot confirm how many peaks (or valleys) are missing.

