

? Profile Mask Setting

■ Profile mask

Perform OUT measurement while excluding unwanted data from the OUT measurement target by masking that data area in the profile.

When tracking errors occur due to such factors as multiple reflection, these effects can be cancelled in measurement. This is mainly used in conjunction with the position correction function.

■ Basic use of the profile mask

Set a rectangle and/or triangle area(s) to mask on the profile window.

EX) As in (1), set a profile mask on the area with tracking errors by using a rectangle and triangle in combination.

When OUT1 has the measurement mode settings: height and measurement target: peak, profile data with tracking errors is ignored and the true peak height (2) can be measured.

<Position correction selection>

Allows selection of the position correction to trace from among "no position correction /position correction 1/position correction 2" for each mask area set.

Measurement can be carried out regardless of tracking errors caused by such factors as multiple reflection because the mask area is not misaligned from the target position even when workpiece (profile) misalignment/changes in tilt occur.

* For the displaced amount calculation of the position correction function, an unmasked profile is used.

