



**YASUDA**  
— TESTING THE LIMITS —

# **No.283 PLASTIC SLIDING ABRASION TESTER 【YASUDA-SEIKI 】 To evaluate the sliding abrasion**

**No.283 PLASTIC SLIDING ABRASION TESTER**



JIS-K7218

This tester is used to conduct a sliding abrasion test for plastic. Contacting tabular and hollow cylinder type test specimen to the edge face of the opponent's material at a constant load and giving them a high speed sliding and rotation, the operator is to measure the abrasion force and the abrasion volume.

※Output data such as the below can be monitored both individually and selectively, via tester-specific PC software.

Each data can also be graph-displayed.

-Temperature

-Number of Rotations / Test Speed

-Load / Contact Pressure

-Slip distance

-Displacement

-Friction torque

-PV value

## Specification

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<b>Specimen</b>	Square shape: 30 × 30 × T2 to 5 mm Disc shape: φ40 × T2 to 5 mm Cylindrical shape: Outer Diameter φ25.6 mm Inner Diameter φ20 mm, L15 mm
<b>Co-Specimen</b>	Cylindrical shape: Outer Diameter φ25.6 mm, Inner Diameter φ20 mm, L15 mm
<b>Pressing Load</b>	10 to 500 N (Dead Weight)
<b>Friction Load Measuring</b>	Load Cell: 8 to 200 N·cm (Option: Chart Recorder)
<b>Friction Speed</b>	0.2 to 200 cm/s (Standard 50 ± 2.5 cm/s)
<b>Option</b>	Constant Temperature Oven
<b>Power Source</b>	AC 100 V, 1-Phase, 15 A, 50/60 Hz AC 200 V, 3-Phase, 30 A, 50/60 Hz (Constant Temperature Oven)

**Dimensions/ Weight**  
**(Approx.)**

W820 × D770 × H1,720 mm, 200 kg