



No. 283

PLASTIC SLIDING ABRASION TESTER



PLASTIC - RUBBER

ELECTRIC WIRE - CORD

LEATHER - VINYL LEATHER CLOTH

PAPER - PULP

TEXTILE - DYEING

PAINT - PIGMENT - INK



No.283

JIS-K7218

➤ FEATURE

This tester is used to conduct sliding abrasion tests for plastic. Contacting tabular and hollow cylinder type test specimens onto the edge face of another material at a constant load, a high speed sliding and rotation movement is applied, and the operator is to measure the abrasion force and the abraded volume of the test specimen.

➤ SPECIFICATION

Specimen	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
Co-Specimen	Cylindrical shape: Outer Diameter φ25.6 mm, Inner Diameter φ20 mm, L15 mm
Pressing Load	10 to 500 N (Dead Weight)
Friction Load Measuring	Load Cell: 8 to 200 N·cm (Option: Chart Recorder)
Friction Speed	0.2 to 200 cm/s (Standard 50 ± 2.5 cm/s)
Option	Constant Temperature Oven, Oil Bath
Power Source	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

\*Power source, dimensions, weight may differ by specifications.