



YASUDA
— TESTING THE LIMITS —

**No.541 Gardner Type Falling Sand Abrasion
Tester【Yasuda Seiki】For the tester to
evaluate the abrading endurance of paint and
plate coated film surface**

**No.541 GARDNER TYPE FALLING SAND ABRASION
TESTER**



JIS-A5423、H8503、H8682-3、ASTM-D968

- This tester is used to evaluate the abrading endurance of paint and plate coated film surface.
- Dropping the standard testing sand from a prescript height to the test specimen which is attached at a 45° angle, the operator is to measure the amount of sand and time it took for the surface of the coated film to be exposed.

Specification

Specifications are subject to change without notice.	
Funnel	Opening ϕ 8" , Opening Angle 60°
Guide Pipe	Inner Diameter ϕ 0.75"
Specimen Setting Angle	45°

Standard Sand	Carborundum, Grit #24
Falling Height	37" (940 mm)
Falling Speed	21 to 23.5 sec/ 2ℓ
Accessories	Specimen Setting Gauge, Jug, Lighting Device
Option	Architectural Material Spec (Hoppa Rotating Device, Specimen Retaining Device)
Power Source	AC 100 V, 1-Phase, 1 A, 50/60 Hz
Dimensions/ Weight (Approx.)	W360 × D320 × H1,650 mm, 32 kg