



YASUDA
— TESTING THE LIMITS —

No.159 FLOOR MATERIAL FATIGUE AND ABRASION TESTER BY CASTER | YASUDA SEIKI SEISAKUSHO LTD. providing you the best material testing equipment.

No.159 FLOOR MATERIAL FATIGUE TESTER



JIS-A1454, L1021-11, (L1023), L4406, DIN-54 342

This tester enables caster chair test for floor materials and floor cloth. By placing a caster chair that has prescript load to onto the continuously rotating circular specimen table, the operator is to evaluate the abrasion resistance of the test specimen by measuring the thickness of the test specimen.

No.159 Specification

Specimen	φ700 mm
Turn Table	φ800 ± 5 mm, T8 ± 1 mm (Acrylic Board)
Table Rotation Speed	19 rpm
Roller Holder	R130 mm, Caster Attachment: 3 pcs
Holder Rotation Speed	10 to 50 rpm (Standard 50 rpm)
Caster	Free Motion, φ30 to φ70 mm
Weight Load	Initial 10 kgf to Max. 120 kgf (Standard: 90 kgf)
Counter	6 Digits Preset Counter, 6 Digits Running Counter
Reverse Timer	1 to 999 sec
Option	Suction Device (25 to 30 L/s)
Power Source	AC 200 V, 3-Phase, 20 A, 50/60 Hz
Dimensions/ Weight (Approx.)	W1,270 × D1,250 × H1,750 mm/ 700 kg