



YASUDA
— TESTING THE LIMITS —

No.162 SLIP TESTER of 【YASUDA-SEIKI】 for the measurement of Friction Coefficient! Tester based on Inclination Angle Method

No.162-EW SLIP TESTER (FOR ENAMELED WIRE)



This tester is used to measure the Inclination Angle(Static Friction Coefficient) when the test specimen of enabled wire starts sliding.

Fix 2 specimens parallel to one another onto the Sled and Inclination Board. Put the tension to 2 specimens on the board. Set the Sled on the Board, making each specimen get crossed when the Angle is 0°. Measure the Angle when the Mass starts sliding while the Board gets inclining at a certain speed. Static Friction Coefficient will be calculation as $\tan\theta$ from the measured Angle.

No.162-EW Specification

Model	No.162-EW	No.162-EWD
Sled	W120 mm, L120 mm, Mass 500 g	W120 mm, L120 mm, Mass 500 g
Inclination Angle	0 to 90° (Scale 0.2°)	0 to 90° (Scale 0.2°)
Inclination Speed	0.5°/s	0.5°/s
Option	Changeable Inclination Speed Spec	Changeable Inclination Speed Spec
Power Source	AC 100 V, 1-Phase, 3 A, 50/60 Hz (Motorized)	AC 100 V, 1-Phase, 5 A, 50/60 Hz
Dimensions/ Weight	W750 × D350 × H425 mm/	W580 × D700 × H380

(Approx.)	29 kg	mm/ 50 kg
------------------	-------	-----------