

No.557 Friction Tester, model AN

Inclined plane method



■ APPLICATION

This instrument measures coefficient of static friction of plastic and paper etc. conforming to JIS P 8147.

The sample is placed on inclined plane, gradually increasing the angle of inclination determining the angle at which the sled starts moving. Friction Tester AN incorporates a servomotor to stabilize inclination speed and the angle at which sliding begins and coefficient of static friction μ_s ($\tan\theta$) are digitally displayed.

■ SPECIFICATIONS

Model	AN
Measurement range	<ul style="list-style-type: none"> ■ Coefficient of static friction (tanθ): 0 to 2.747 (Resolution: 0.001) ■ Table angle: 0 to 70.0° (Resolution: 0.1)
Table inclination speed	1.0, 1.5, 2.0, 2.7, 3.0°/sec.
Table max. angle	70°
Table returning speed	15°/sec.
Table drive motor	Servo motor
Table dimensions	W320 x 210mm
Specimen dimensions	Max. A4 size, thickness up to 3mm
Sled	W60 x D100mm, 1000g (JIS P 8147)
Measurement range	<ul style="list-style-type: none"> ■ Coefficient of static friction (tanθ): 0 ~ 1.732 (Resolution: 0.001) ■ Table angle: 0 ~ 60.0° (Resolution: 0.1)
Operation panel	Sheet panel
Interface	RS-232C
Power requirement	Single-phase, AC100V, 50Hz or 60Hz, 0.3kVA
Dimensions	W360 x D550 x H250mm
Weight	Approx. 28kg
Related standards	JIS P 8147

■ OPTIONS

	Name	Model (Part No.)	Photo
1	Mini thermal printer	P3	
2	Data acquisition software	DA	

Specifications are subject to change without notice.



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