

No.235 PICMA Tack Tester



Picture shown model P-1

APPLICATION

The PICMA Tack Tester developed as a modified version of Pickup type tack meter. This tester measures tacking strength between unvulcanized rubbers and between unvulcanized rubber and other materials and tacking strength of other adhesive materials. Until now the Pickup type tack meter was widely used in the rubber industry; it had considerable measuring error and needed improvement because it was very simple in construction.

FEATURES

By incorporating below improvements the measuring error has been considerably reduced.

1. Specimen mounting wheel moves down at constant speed by means of a motor.
2. The motor stops automatically when a sticking load of 500gf is applied.
3. Sticking time can be arbitrarily set within 2-60 seconds by a timer.
4. After the preset sticking the specimen mounting wheel automatically moves up.
5. The pull apart speed can be selected in 8 steps by a selector switch.
6. A raveling device has been added to ensure effective use of the specimens being tested.

SPECIFICATIONS

Model	P-1	P-2
Measuring load range	0.1~15N (1div=0.1N)	0.5~25N (1div=0.5N)
Sticking load	4.9N	0.98-4.9N (0.98N steps)
Down speed	Fixed speed (Not possible to select)	3, 10, 30, 50, 70, 100, 125, 150, 200, 300cm/min.
Separating speed (Up speed)	5, 6, 7.5, 10, 15, 20, 25, 30mm/min.	3, 10, 30, 50, 70, 100, 125, 150, 200, 300cm/min.
Standard sample size	Width less than 13mm Length 160mm	
Sticking time	1~72 sec.	0.5~99.9 sec.
Electrical	Single-phase, AC100V, 50/60Hz, 0.1kVA (Other voltages on request)	Single-phase, AC100V, 50/60Hz, 0.2kVA (Other voltages on request)
Dimensions	W200 x D220 x H430mm	W265 x D300 x H584mm
Net weight	Approx. 8.5kg	Approx. 25kg

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