

TEXTILE TESTING INSTRUMENTS



Model - PSPL 2000



Model - PSPL 2000 C



Snap Button Pullout Tester Analogue / Computerised



Snap Button Pullout Tester



Model - PSPL 2000

The assessment of snap attachment strength is an important criterion especially in the design and manufacturer of garments of infants' and children wear. The measurement of an uniform force applied to the snap attachment shall be recorded by means of a force-measuring device (in this case a Calibrated Imada Push/Pull Scale is utilized). Once the appropriate force is registered on the Imada Scale, a stop clock is used for recording a set period of time.

To define the garments manufacturer responsibilities and duties to ensure that snaps are applied appropriately to all garments. To prevent separation between the snap and the garment, which represents a dangerous situation if the loose snap is swallowed .

Scope

This test method cover an uniform force required to pull a snap attachment perpendicular to the garment. The snap attachment is not forced to separate from the garment. This method is required attachment of snaps to specimens using specifications provided by the producers of the snaps.

This test method is used to establish correlation to wear conditions and for comparing different brands and types of snap fasteners.

Related Standards

ASTM Designation : D4846 88

ASTM Designation : D1776ASTM PS79-96

Standard Test Method for Resistance to Unsnapping of Snap Fasteners
Consumer Products Safety Commission.

Grippers



Upper Snap Clamp - for female snap parts



Upper Stud Clamp - for male snap parts



Torque Test Clamp



Bite Test Clamp



Snap Pull Out Tester Computerised



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Machine Capacity : 50 Kgf ; Least Count :5 gm

Type : Constant Rate of Traverse CRT Type.

Grip to Grip Separation : Minimum 25mm. and Maximum : 500mm. Three sets supplied with the machine.

Load Sensor : Universal 'S' Type / Pancake Type; high sensitivity with linearity feature and long term repeatability.

Load Sensor Accuracy : +0.5% of the Load Cell capacity. Calibrated by NPL approved proving ring / dynamometers.

Load Sensor Sensing : Auto - detect / sensing through advance electronics. Electronic Auto-Zero

Over Load / Travel Safety : Auto stop through software : 10% above load cell capacity. / Built in

Systems Controls : Advance Micro - controller systems tensile card - I 927 or 945a; 16bit ADC & DAC

Computer & Printer : Computer and Printer is must. Pentium or Higher version. Not part of the offer.

Software : Window based Tensile software program / specially designed to perform & store basic Tensile & compression test

Power Requirement : Stabilized; 220-240V AC; 50Hz; Single Phase.



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