

Safeguard Tester

Testing Equipment -

PRINT



SafGuard Product Safety Tester

Attachment Strength Tests For All Accessories (e.g. Snaps, Zippers & Buttons...)

This tester is the unique safety test instrument that provides a means to accurately measure how safe accessories are attached in a product. It is also used to compare a variety of accessories from different vendors in the process from product design to production so that we can safeguard our consumers.

It is a simple but effective design mainly consisting of a high precision gauge, a sturdy stand and special grips/clamps. It requires very little training. A sample required by standards & regulations is to be fixed horizontally (constant force is applied to secure the sample) so that snap or other accessories attached in fabric can be clamped into.

Moreover, a standard weight is also offered so that it can be regularly checked if it meets the safety requirements.

Standards Reference

JAPAN Product Liability Law, ASTM F963, EN71, M&S P115A (for snap), P115 (for button), ASTM D4846-96 and many others.

Test Interpretation

There are lots of different test interpretations. Take snaps as an example. All snaps are usually tested to with stand attachment strength of 17 pounds (or 7.73kg) for 10 seconds. If not, it is deemed to be mechanically unsafe unless it is not a small part & there is no sharp edge/point...

SafeGuard's Main Outstanding Features & Benefits:

Better Cost-Effect And Quality Design:

- A. Ergonomically Constructed**
force meter hold can be retained upwards during sampling.
- B. User-friendly**
side-wheel operation.
- C. Economically exchangeable**
with a plenty of different of grips/clamps.
- D. Longer Stand Spacious**
for more applications.

Better Test Reproducibility And Repeatability:

- Lower Fabric Clamp (STA-0042)**
- E.** - Constant Clamping Force to minimize operation error.
- Vertical Clamping to minimize unnecessary test failure.
- Minimum Clamping Failure & Slippage** chiefly because our **Universal**
- F. Grip (STA-0041)** can accurately secure snap and does not damage the fabric.

Better Recognition:

- G.** Unlike others, SageGuard has been adopted by all world's leading textile testing labs (e.g. **BV, CTL, Intertek, SGS & STR, TUV...**) & the most influential retailers / renowned brands (e.g. **GAP, H&M, LEVIT'S, M&S, VF, Ralph Lauren childrenswear...**)
- H.** SafGuard is Patented (No. 2005200005331.0 & 200710152455.5).



>Standard Package:

STA-0020 Imada Force Gauge FB-30K

Display the reading of pulling force with capacity up to 30kg.



STA-0007 Upper Long Nose Vise Grip

Mainly used for trouser hooks and other smaller accessories.



STA-0041 Upper Universal Grip

Test for female part of snap & male part of

STA-0002 Upper Stud Grip

Test for male part of baby snaps but generally Upper

stud.



Universal Snap Grip can be also applied instead.



STA-0042
Lower Fabric Clamp,
Level Arm Locking

Fix the sample with buttons firmly, flatly & constantly so that fabric slippage can be minimized.



STA-0006
Lower Grasp Button
Accessory Kit

Convert the original lower fabric clamp for testing the grasp buttons or larger buttons to 30 ligne and it is mainly used together with STA-0005.



STA-0004
Calibration Weight
15LB

Routine checking the accuracy of the Imada Force Gauge. (15LB = 6.82kg).



STA-0005
Upper Grasp Button
Grip

Designed to gripping the grasp buttons or larger buttons, e.g. Jeans or Plastic Button up to 30 ligne.



Optional Accessories:

STA-0084
Multifunction Vise
Clamp

Fix the garment between the jaw faces and will use with other upper grip for testing other attachments such as Patch, Side Tab, Zipper Puller, etc.



STA-0037
Small Part Cylinder -
Plastic

To test whether the garment accessories are classified as "Small Part" or not in accordance with EN71 & ASTM F963.



STA-0008
Three Pronged Grip

Test for four-hole buttons & Jeans buttons.



STA-0035
Goggles

To protect the eye of operator.



a. Snapping & unsnapping (ASTM D4846) can be done by SafGuard by reverting Imada force gauge for compression.

d. Universal Grip (STA-0041) & Lower Fabric Clamp (STA-0042) can be used with other similar testers or even with UTM.

- b. For Changing market needs, we have other special grips / clamps, e.g. eyelets.
- c. Software driven SafGuard for constant force & speed programmable for more advanced tests can be available upon request.
- e. Other than standard package, there are several models for different requirements of major retailers & different application.

Packing Details:

Length 109cm x Width 43cm x Height 49cm
Gross Weight: 45kg

Suppliers in Pakistan:

Mars Traders
R-243, Sector-9, North Karachi
Karachi 75850, Pakistan
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