

Universal Mechanical Safety Tester



SafGuard is a patented 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.

Unlike others, **SafGuard** has been adopted by **all** leading labs (STR, INTERTEK or formerly known as ITS, BV, and SGS...).

The clamping force of other snap pull testers cannot be kept constantly. This is a major reason of why SafGuard is better approved by testing specialists & major retailers.

Test Interpretation :

There are lots of different test interpretations. Take snaps as an example. All snaps are usually tested to withstand attachment strength of 17 pounds (or 7.73 kg) 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.

Mainly Consisting of :

- High Precision "IMADA" Push/Pull Gauge, capacity 0-30kg.
- Bench Top Stand with side-operated handle
- Four Different Special Upper Grips
- Lower Fabric Clamp, Level Arm Locking
- Calibration Weight 15LB (= 6.82kg) - Offered so that it can be regularly checked if it meets the safety requirements

Standards Reference :

- JAPAN Product Liability Law
- ASTM F963, D4846-96
- EN 71, M&S P115A (for snap), P115 (for button), etc...

Most influential retailers / renowned brands :

- GAP, H&M, LEVI'S, M&S, NEXT, VF, Ralph Lauren childrenswear and many other world's renowned major retailers.

Adopted by all world's leading textile testing labs:

- BV, CTL, INTERTEK, SGS, STR, TUV...

Outstanding Features & Benefits:

Better Cost-Effective And Quality Design:

- A** Ergonomically Constructed (e.g. force meter holder can be retained upwards during sampling...).
- B** User-friendly (e.g. side-operated handle...).
- C** Economically exchangeable with a plenty of grips/clamps for different applications
- D** Longer stand spacious.

Better Test Reproducibility And Repeatability:

- E** Lower Fabric Clamp (STA-0042)
 - Constant Clamping Force to minimize operation error.
 - Vertical Clamping to minimize unnecessary test failure.
- F** Minimum Clamping Failure & Slippage chiefly because our Universal Grip (STA-0041) can accurately secure snap and does not damage the fabric...
- H** SafGuard is Patented (No. 2005200005331.0 & 200710152455.5)

