



Textender

Static Elongation Instrument

Textender Static Elongation Tester

The Textender is designed to evaluate the stretch, recovery, and growth properties of fabrics, especially those used in sportswear and athleisure clothing. Stretch and recovery testing is used to determine the stretch, comfort and fit of a fabric, as well as understanding how well the fabric returns to its original condition after being stretched.

The Textender meets both the ASTM D2594 and ASTM D3107 standards which historically require 2 different testers. The new design also meets the modified requirements of a number of renowned retailers of knitted and woven fabrics made from stretch yarns.

Complete Testing Flexibility

The Textender can be supplied in 3 different configurations to best suit your laboratory environment:

- Wheeled 3 stations instrument
- Wheeled 6 stations instrument (3 stations per side)
- Wall mounted in multiples of 3



Wall Mounted Configuration



Wheeled Configuration 3 Stations per Side

The Textender complies with ASTM D2594 and ASTM D3107

Features

Reliable Precision

The Textender can be supplied with the following optional rulers to help ensure accuracy in sample measurement both before and after testing.



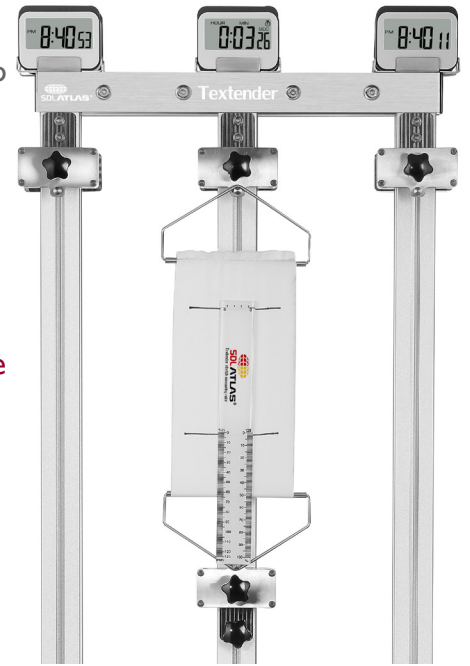
Benchmarking Template for ASTM D3107 and D2594



Lightweight ruler for ASTM D2594
Shows millimeters and percentage



600 mm Ruler for ASTM D3107 and D2594



Independent Station Timers

Each station is equipped with a timer for independent testing from each station. Timers can also be removed from the station allowing the operator the flexibility of leaving the testing area during the test duration.

The Textender Timers have 3 functions:



Precision Timer



Alarm



Clock

When the testing time is set, the alarm will beep when the set test is completed.

Unmatched Adaptability

A variety of different weights and wire hangers allow the user to configure the Textender in a variety of setups to test to multiple test methods.

ASTM D3107 Dowel Pins 

ASTM D2594 Sample Holder 



Optional: 8, 3 and 1 pound weights

WEIGHT CONFIGURATIONS				
Standard	Required Weight	8 pound Quantity	3 pound Quantity	1 pound Quantity
ASTM D3107	3 lbs	x		x
ASTM D3107	4 lbs	x		
ASTM D2594	5 lbs	x		2
ASTM D2594	10 lbs		x	2
Gap, Levi's, etc.	10 lbs		x	2

Providing Confidence

For over 60 years, the SDL Atlas companies have been providing confidence in standard based testing through expertise and global partnering. Our customers can be assured that they are making informed decisions based on accurate test results.

SDL Atlas experts work closely with standards committees and retailers on development of standards. Our engineers develop instruments to meet these standards. Our service team calibrates the instruments to exacting UKAS and internal standards. High quality test materials that are consistent from batch to batch are also produced and distributed by SDL Atlas.

Test Materials

Test Materials are a critical part of many textile tests. SDL Atlas produces and distributes a complete line of test materials. Each batch is thoroughly tested to ensure conformity and consistency from batch to batch.

Our test materials selection includes:

- Multifiber
- Cork Liners
- Abradants
- Phenolic Yellowing
- Detergents
- Ballasts
- Crocking Fabric

Calibration & Service

- UKAS calibration
- ISO calibration
- Service support
- Factory trained representatives
- SDL Atlas service technicians



SDL Atlas is a UKAS accredited calibration laboratory No. 0688. With fully trained technicians located in Europe, Asia, and North America, we are prepared to support our customers in maintaining their investments and their confidence in their testing instruments.

Providing confidence in standard based testing through expertise and global partnering



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