

Bank Shear Room Temperature 10

10-station static shear adhesion tester

Room-temperature holding-power testing of pressure sensitive tapes, ten samples at a time.



The Room Temperature 10 Bank Shear Tester makes precise room-temperature shear testing straightforward. It performs shear tests according to **PSTC-7 Procedure A**, **TLMI Test No. 7** and **ASTM D 3654 Procedure A** for the holding power of pressure sensitive tapes.

The instrument can equally be used for **PSTC-14**, adhesion of pressure sensitive tape to fibreboard at a 90° angle and constant stress, and for **PSTC-7 Procedure B**.

Ten independent stations each carry their own LCD timer, so a full set of samples can be run and timed simultaneously. The rack is marked for the standard 178° back tilt and adjusts to 90° for fibreboard testing, and the unit runs entirely on battery power — no mains supply is required.

10

INDEPENDENT TEST
STATIONS

100–1,000g

TEST WEIGHT RANGE

178°–90°

ADJUSTABLE TEST
ANGLE

0–70°C

OPERATING
TEMPERATURE

Key features

- » Rugged construction, built to withstand the production environment
- » Compact and easy to use
- » Easy-to-read 0.5" (1 cm) LCD timer, counting in 1/10-minute increments
- » Designed for standard 2" × 3" (50 × 75 mm) test panels
- » Accepts panels of varying thickness, up to ¼" (6 mm)
- » Mechanical switches can be calibrated to trip with weights from 100 to 1,000 g
- » Adjustable feet allow the testing plane to be levelled
- » Panel rack marked for the standard 178° back tilt required by most shear methods
- » Adjustable rack changes the test angle from 178° to 90°
- » Foam-covered landing platforms absorb the impact of falling test weights
- » Fully battery powered — batteries on individual timers are replaceable, no AC supply needed
- » Operating temperature range 32°–150°F (0–70°C)

Technical specifications

Test stations	10
Test method compliance	PSTC-7 Procedure A and B, TLMI Test No. 7, ASTM D 3654 Procedure A, PSTC-14
Test panel format	2" × 3" (50 × 75 mm) standard
Panel thickness	up to ¼" (6 mm)
Test weight range	100 to 1,000 g (mechanical switch calibration)
Timer	LCD, 0.5" (1 cm) display, 1/10-minute increments
Test angle	178° standard back tilt, adjustable to 90°
Levelling	adjustable feet
Weight landing platforms	foam covered
Power supply	battery powered, replaceable batteries per timer — no AC power required
Operating temperature	32° – 150°F (0 – 70°C)

Accessories & consumables



Tape Specimen Cutter

Double razor blade sample cutter, cutting samples to a precise 1" width. Other sizes available.



Test Panel

Standard panel size for the shear tester range, manufactured to PSTC specifications.



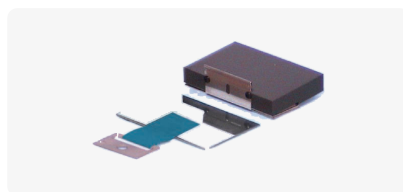
Shear Test Clip

Distributes the weight evenly over the full width of the sample.



Hand Roller

Used to laminate samples onto the test panels.



Cutoff Fixture

Creates 1" × 1" samples quickly and consistently. Other sizes available.



Test Weights

Available in any size required by the test method.



PSTC Testing Kit & TLMI Testing Manual

Reference documentation and training material covering the standard test methods, available alongside the instrument.