



RT-30 Room Temperature 30 Bank Shear Tester

The ChemInstruments RT-30 Room Temperature 30 Bank Shear Tester is designed to perform room temperature shear tests according to PSTC-7 Procedure A, TLM Test No. 7, and ASTM D 3654, Procedure A for Holding Power of Pressure Sensitive Tapes. It can also be used for PSTC-14, Adhesion of Pressure Sensitive Tape to Fiberboard at 90° Angle and Constant Stress. The HT-30 High Temperature 30 Bank Shear Tester can perform the above tests as well as shear tests in ovens, humidity chambers or freezers. It was designed primarily to perform tests according to PSTC-7 Procedure C and ASTM D 3654 Procedure C.

Both machines have several features which make them easy to use as well as reliable:

- Mechanical switches can be calibrated to trip when using weights from 100 to 1000 grams.
- Adjustable feet allow the user to level the testing plane.
- Easy to read 0.5" (1cm) LCD timer.

- Standard weight heights up to 4.5" (11.5cm).
- Uses standard 2" x 3" (5cm x 7.5cm) stainless steel test panels as specified in PSTC test methods.
- Self contained power supply.

The HT-30 Oven Shear Tester has additional features that make it very versatile:

- Standard model has switches that can withstand temperatures up to 400° F (204° C).
- Removable panel racks help to avoid wide temperature swings.
- Clock box, connected to oven unit with a 6' (2m) long high temperature cord, can be placed on top of or next to oven.

Accessories essential for testing: TP-23 test panel, TW-1000 or TW-500 test weights, STC-100 shear test weight suspension clip

Above items are included in our Shear Tester Accessory Package (STA-500 or STA-1000).

Dimensions (approx.)

	RT-30	Oven Unit	Clock Box
Height:	30" (80cm)	22.5" (23cm)	9" (23cm)
Width:	37.5" (95cm)	37.5" (95cm)	37.5" (95cm)
Depth:	17.5" (44cm)	12.5" (44cm)	17.5" (44cm)
Weight:	150 lbs. (68 Kg)	90 lbs. (27 Kg)	60 lbs (27 Kg)

Options.

- Longer Temperature Cord
- Shear extension bars for longer weights.
- Ability to hold thicker panels