

17-76/77 Compression Tester

Quick Start Guide

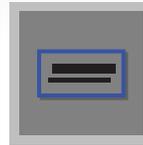
SOFT KEY ICONS



Increment



Decrement



Print



Tare



Clear Data

AUDIBLE RESPONSE TONES

1 short beep
3 beeps

Positive response (successful, ok, etc.)
Negative response (alarm, warning, invalid input, etc.)

FINDING HOME

After powering up, pressing <START> allows the machine find its limits of travel.

FUNCTION KEYS

Main screen: Used to set basic parameters, such as Metric or Imperial systems (M/I button) and Language.

Test Settings screen: F1-F6 are slots that save a test's unique parameter settings.

The slot's label is the test type that is saved in that slot. The current slot selection is changed by pressing F1-F6.

The current slot selection is highlighted in yellow and is changed by pressing F1-F6.

TEST MENU

Press <ENTER> from initial screen to access test menu. Press associated <number> button to change a parameter.

- <1> **Test Type** The type of test chosen from 11 standard options
- <2> **Units** Units of measure (N, lbf, lbf/inch, etc.)
- <3> **Threshold** Force required before data collection starts
- <4> **Sensitivity** Percent drop off that signifies a sample breaking (adjustable from 5% to 40%)
- <5> **Test Speed** Selectable test speed from 0.2 to 20 in/min (adjustable in increments of 0.2)
- <6> **Return Height** Height to which the platen will return after completing test (adjustable in increments of 0.1)
- <7> **Test Height** Height to which the platen will travel before starting test (adjustable in increments of 0.1)
- <8> **Deformation** Max. distance platen will move past contact with specimen (adjustable in increments of 0.1)
- <9> **Sample Size** Dimensions of the sample for the test result to be correctly calculated

Press <ENTER> from the test menu to begin test mode.

TEST TYPES

RCT	Ring Crust Test	CMT	Flat Crush of Corrugated Medium	Peak Load
CLT	Concora Liner Test	FCT	Flat Crush Test	Peak Height
CCT	Column Crush Test	PAT	Pin Adhesion Test	Stack Load
ECT	Edge Crush Test			

HOT KEYS



Start test



Stop test

ACCESSORY FUNCTIONS

Jog up



Jogging Up and Down

To move the upper platen up, press the left arrow key. The platen will start moving at the previous jog speed. Pressing the ENTER key will increase the speed by 1 inch/min. If it's not stopped the upper platen will stop at the upper limit switch.

To move the upper platen down, press the right arrow key. The platen will start moving at the previous jog speed. Pressing the ENTER key will increase the speed by 1 inch/min. If it's not stopped the upper platen will stop at the zero position.

Jog down



To stop the upper platen, press the STOP button. This will stop the platen and set the jog speed to 0.

Lock-Out Switch

If the lock-out switch is engaged on the back of the unit, the user will not be able to change test parameters - only the six pre-set tests will be available to scroll through.

Adjusting Screen Contrast

Press and hold black rocker switch on back of unit until screen contrast is optimized for your viewing angle.

EMERGENCY STOP BUTTON

Press at any time to stop movement (current test run will be aborted).
To release, twist clockwise (must be released before testing resumes).

