

# MultiTest-x

## Console-controlled Test Frames

The MultiTest-x range of test frames provides all the benefits of traditional MultiTest frames with the additional power of a new integrated controller-console.

Available in three capacities 1, 2.5 and 5kN the MultiTest-x test frames have been specifically designed to meet the requirements for ease-of-use in a production or QC-lab environment.

The digital controller and display mounted in the base of the test frame controls crosshead movement and displays load, length and speed.

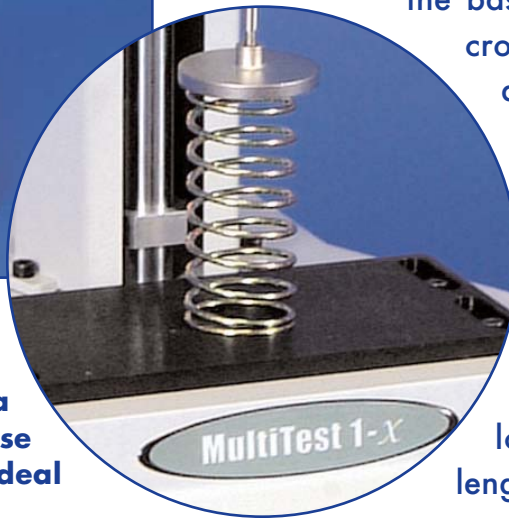
An alpha numeric keypad enables testing routines to be entered and stored. Program options available include: run to load, loadholding and run to length, time or break.

Dynamic zeroing of load and displacement coupled with a cycle command enable sophisticated testing routines to be constructed.

Once the test sequence is complete, selected results including peak load, average load, load at break and displacement at load are clearly shown. These can be compared against predefined specifications providing immediate pass/fail analysis with data automatically being downloaded to a PC, if required.



MultiTest 1-x



**If you have a tension or compression test, which demands any of the following machine control or data acquisition features, one of the easy-to-use MultiTest-x test frames is the ideal economical solution.**

### Machine control

- Run to a load or displacement or time
- Cycle between load limits or displacement limits
- Zero the value of load or displacement
- Define speed (mm/min)

### Data acquisition

- Peak load
- Load at a pre-defined displacement or time
- Displacement at a pre-defined load or time
- Average load over a displacement range or time range
- Stiffness (N/mm)
- User I.D., batch, date and time



## Applications

- Crush testing
- Peel testing
- Spring testing
- Top-Load testing



Model	MultiTest 1-x	MultiTest 2.5-x	MultiTest 5-x
Rated Capacity, newtons	1000	2500	5000
Available Loadcell Ranges, newtons	2, 5, 10, 25, 50, 100, 250, 500, 1000	2, 5, 10, 25, 50, 100, 250, 500, 1000, 2500	2, 5, 10, 25, 50, 100, 250, 500, 1000, 2500, 5000
Load Measurement Accuracy $\pm$ % fsd	0.2	0.2	0.2
Digital Display of Load / Length / Speed	Yes	Yes	Yes
Number of Columns	Single	Single	Single
Throat Depth	62 mm	62 mm	100 mm
Crosshead Travel	500 mm	290 mm	600
Speed Range	0.1 - 500 mm/min	0.1 - 500 mm/min	0.1 - 500 mm/min
Compensation for System Movement	Yes	Yes	Yes
Loadholding	Yes	Yes	Yes
Graphical Representation of Test	External Software	External Software	External Software
Output of Test Results to PC	Yes	Yes	Yes
Weight	19 kg	18 kg	38 kg