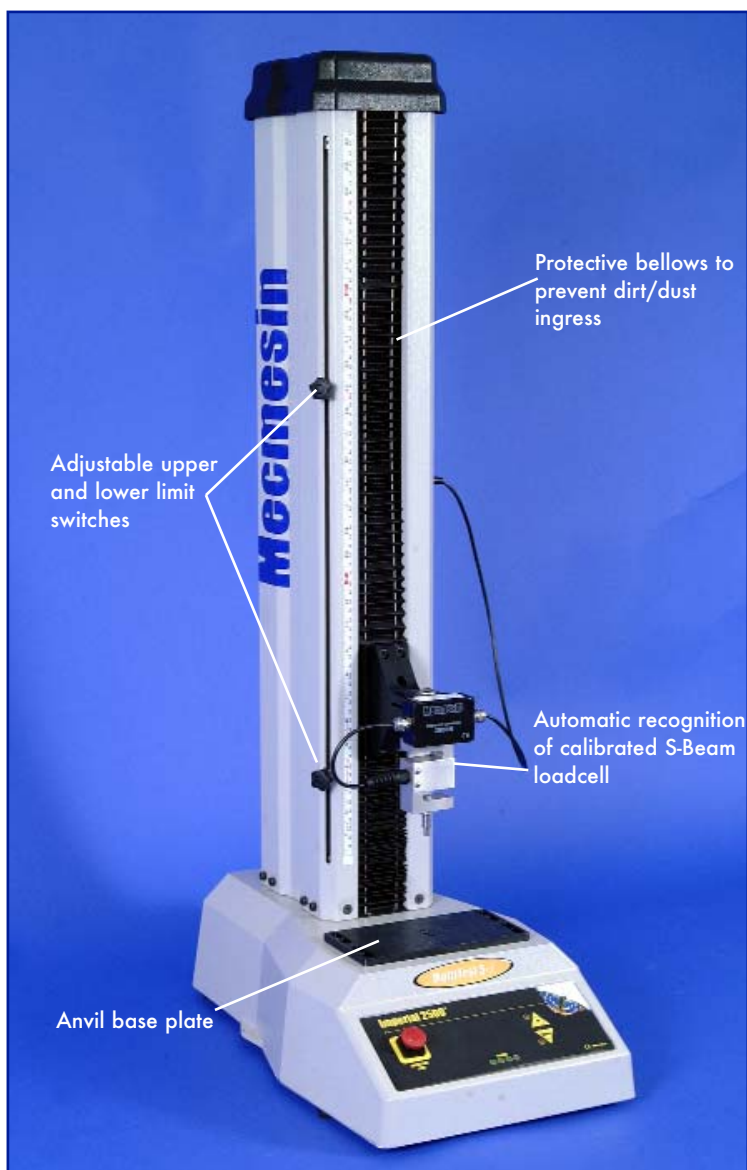


MultiTest 5-i



The MultiTest 5-i combines a rigid 5000N capacity MultiTest frame with Emperor™ software, a powerful, Windows-based software package. It has been specifically designed to meet the requirements for ease-of-use in a production or QC-lab environment, providing a totally flexible testing platform for a wide range of applications e.g. top-load and spring testing.

A portable table-top system, the MultiTest 5-i has a maximum load rating of 5000 newtons (500kgf), with an effective travel of 600mm and a maximum speed range of 1-500mm/min. An extensive range of loadcells between 2N and 5000N is available for use with the MultiTest 5-i.

The 5-i, with Emperor™ software combines flexibility with ease-of-use and powerful analytical tools, ideally suited for solving applications evaluating the mechanical strength of components or products.

With Emperor™ software's intuitive programming commands and unlimited access to all functions, supervisors can easily create powerful test programmes to meet the demands of many varied applications.

The reporting and export capabilities of Emperor™ software are exceptional, enabling fast and accurate display and analysis of tension and compression readings. Data can be downloaded synchronously at a rate of up to 2000 times a second.

Test results are displayed graphically in real time and the results manipulated, stores and exported to other software packages for trend analysis and reporting, if required.

If you have a tension or compression test, which demands any of the following machine-control and analyses features, the easy-to-use MultiTest 5-i is the ideal economical solution.

Machine-control

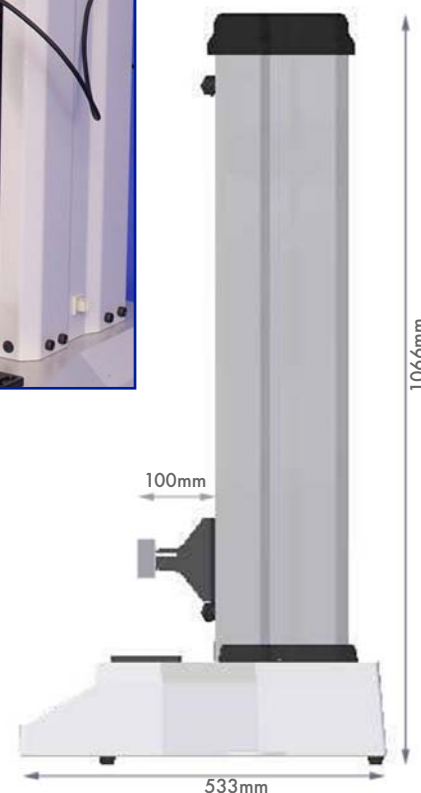
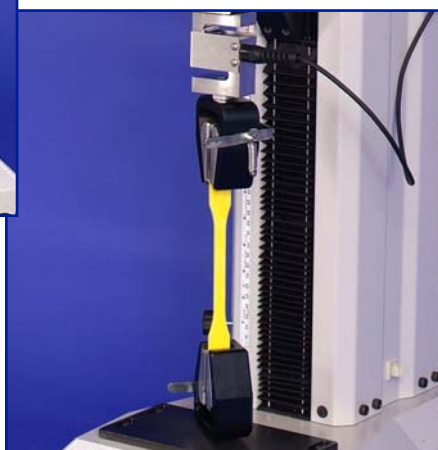
- Run to load, displacement, time or break detection
- Cyclic testing
- Repeat sections of a programme
- Intelligent command functions to adapt a programme during the test
- Operator prompt/delay/resume test facility
- Auto-return of crosshead at the end of test

Data analysis

- Extensive suite of calculations e.g. average, minimum, maximum and area
- Comprehensive Pass/Fail analyses
- Loadcell deflection compensation
- Variable arguments for programs and calculations
- Post-test analysis of graphs and labelling, zooming & timeline of data
- Automatic executive reporting from exporting to Excel and SPC packages

TYPICAL APPLICATIONS INCLUDE:

- CRUSH TESTING**
- DEFORMATION TESTING**
- EXTENSION TESTING**
- NON-DESTRUCTIVE TESTING**
- PEEL TESTING**
- SPRING TESTING**
- TENSILE TESTING**
- TOP-LOAD TESTING**



Model	MULTITEST 5-i
Max. rated capacity, newtons	5,000 (11,000 lbs)
Available loadcell ranges, newtons	2, 5, 10, 25, 50, 100, 250, 500, 1000, 2500, 5000
Load measurement accuracy \pm full scale	0.2
Number of columns	1
Weight	38kg
Crosshead travel	600mm
Throat depth	100mm
Speed range	1-500mm/min @ 4000N (900 lbs) 1-400mm/min @ 5000N (1100lbs)
Digital display of load/length/speed	Yes, through PC
Graphical representation of test	Yes
Compensation for system movement	Yes

* measured with S-Beam loadcell fitted