

CARTON OPENING PRESSURE TESTER

The Carton Opening Pressure Tester, is a bench mounted, electrically operated machine. The machine is designed to measure the opening force of flat stacked cartons. The test determines force per unit width required to open a carton and the percentage deflection at that maximum point. The test is performed using the constant rate of force method.

The Carton opening test is an important quality control test directly related to the machinability of the cartons in fully automatic lines, there by speeding up production setup time and lesser machine downtime. When the machine is setup with the carton, on start of the test, force is applied and maximum opening pressure is recorded and the machine returns back to its original position ready for the next test. The machine can also be programmed to go a fixed depth and return. Measuring Unit : Opening force in Kgf, Lbf and N.

Applications:

- Paper, Paperboard

Specifications:

- Load Capacity: 10 kgf
- Least Count: 0.001 kgf
- Upper Support: 75 mm
- Lower Support: 300 mm

Features:

- Single push button operation activates an automatic test cycle, determining rapidly the carton opening pressure with deflection.
- Test cut off on pre-fixed length or load.
- A group of 12 tests can be performed for report.
- Histogram for immediate visual review.
- Auto Calibration in 5 simple steps.
- Overload protection (Preset).
- Average of test results on the report.
- Changeable peak detection level for different test.
- Programmable User Name, Product Name, Vendor / Customer Name, Codes, Lot No., etc.
- Date & time stamping.



Dimensions:

- Depth: 450 mm
- Height: 950 mm
- Width: 550 mm

Weight:

- Net Weight: 105 kg.
- Gross Weight: 150 kg.