



VERTEX

POUCH BURST TESTER (MODEL PBT – 01)



OVERVIEW:

This test is frequently used to quickly evaluate package seal strength during the manufacturing process and at various stages of the package's life cycle. This test method provides an indicator of the burst strength of a package, where the burst will normally occur in one or more areas of the seal. An indicator of the minimum burst strength may be of importance to the package manufacturer and end user in ensuring adequate package integrity. Electropneumatic model with constant rate of travel. Suitable for testing the Seal Integrity of Liquid / Gas Filled - Pouches / Sachets / Blister packs. Suitable for 3 ml – 1,500 ml or larger packs.

The static load test on a pouch burst tester is applicable for any product in liquid or paste form. Eg. Shampoo / Conditioner, Ketchup, Mayonnaise, Pet Food, Hair Dye / Creme, Toothpaste, Tetra pack, Chips, Milk Pouch etc.

There are two test modes available in the machine

Destructive: compress the sample until burst and record bursting force and return to home position

Non Destructive: compress the sample until the preset load, hold for a preset time selectable upto 99 seconds and return to home position.

FEATURES:

- Digital model with load cell based system
- Large LCD Display (38 X 103 mm).
- Two Test Modes – Destructive and Non-destructive
- Embedded Push Buttons on control panel.
- Peak hold facility for registration of maximum reading.
- Auto and Manual operation
- Emergency Stop button for safety

SPECIFICATION:

Capacity	300kgf
Least Count	0.1kgf
Accuracy (0.2% of full scale)	± 0.6 kgf
Test Units	Kg, N
Power supply	230V AC 50Hz
Dimensions (LXWXH)	36X70X70 CM
Weight	80 Kg

Note - This machine requires air supply of 7 kg/cm² which has to be provided by the purchaser.



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Actual product may differ in color and appearance due to constant development.