

Balloon Burst Tester



Product Info :

Balloon Burst Tester is a quality testing equipment that helps in the evaluation of the inner bearing or burst strength of a closed pouch, bag or packet. The machine is very popularly used by the plastic and flexible packaging industry to test the burst strength quality of their products. It is also very common in use in the paper packaging industry. The tester also helps the manufacturers to bring improvement in the pouch pressure-retaining quality and earn higher sale profits. The machine is highly standardized and is designed as per international test standards. Plastic pouches, or heat-sealed plastic and paper bags are used frequently in commercial, domestic as well as industrial sectors. They are used for several products and their packaging be it glass or liquid. Ranging from food to pharmaceuticals, they cover it all. However, nowadays bigger the demand in production higher is the quality expectations.

Thus, it is important to deliver the cream of the production line, the client expects for their brand. Balloon Burst Tester comes with a similar solution.

The machine is built and designed by a highly qualified and experienced team of product designers and engineers. The machine is designed as per the international standards of the balloon burst strength test. This ensures that products tested under the equipment and that clear the criteria will never fail to perform and is accepted by any industry worldwide.

The tester performs a destructive form of testing that means that the test disturbs the integrity of the product tested for its quality check. However, the performance level is so high that by testing only one product of one production category one can have an instant and precise test result, that can be applied to all other products in the same line.

TECHNICAL DATA :

- Machine test Capacity : 10 kg/cm²
- Specimen Clamping Technique: Pneumatic
- Least Count/Resolution : 0.01Kg/cm²
- Display: LED (Digital) Screen
- Accuracy: $\pm 1\%$ within 10% to 90% of the entire range
- Area of Sample Clamping: 500mm width
- Diameter of the Nozzle: 6.5 outer, 4.1 inner
- Pressure Sensor: High-quality Pressure Transducer
- Power Requirement: 220V, Single phase, 50 Hz
- The defined gap between the Upper & lower jaw : 40mm
- Equipment Test Range : 21Kg / cm to 38 Kg / cm²

FEATURES :

- Has an inbuilt pressure control system to ensure delivery of accurate pressure during the test.
- Fully powder coated with high-quality plating with corrosion-proofing quality.
- Automated and accurate peak hold facility that can hold the highest pressure value at which the product burst out.
- Automated Calibration and lock feature is available
- Automated high-strength clamping to assure zero slippage
- The mild steel material is used to built machine body for long-run performance
- It has an Inbuilt memory space that can store up to 9 test values
- The feather touch control button brings a beautiful user experience and allows smoother operations.

Our Valuable Customer



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