

# Bottle Burst Tester - Touchscreen

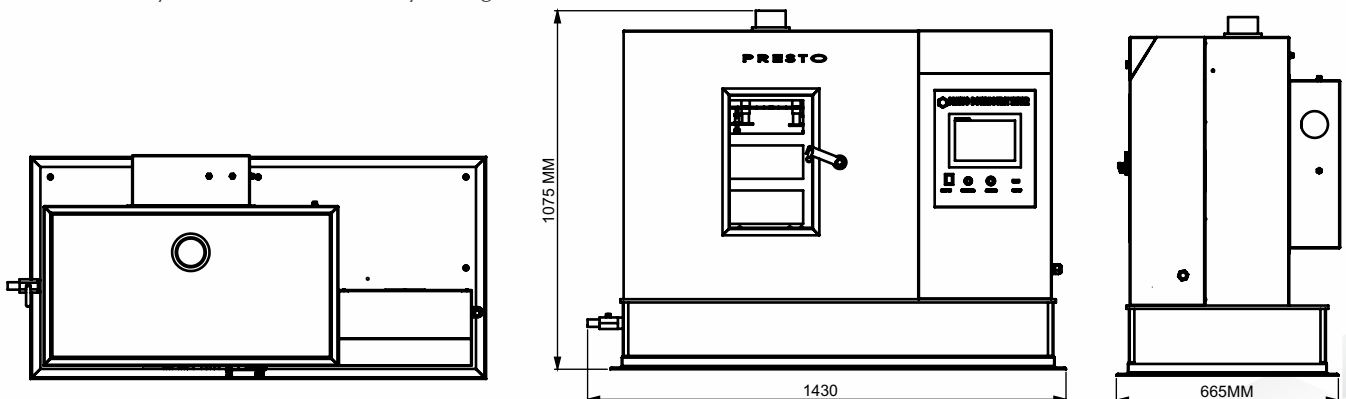


**Model No. PBBT-0101**

**Registered Design No. 252612**

**Bottle Burst Tester** is a consistent tool used to perform Bottle burst test on PET bottles with minimum pressure and checks the volume expansion of test samples. PRESTO Bottle Burst Tester is manufactured under various Test Standards such as ASTM C147-86 (2015).

- Excellent system control with latest HMI touchscreen
- Pressure setting and Preset Timer functions incorporated in HMI for accuracy and repeatability.
- Program profile for selecting test parameters and performing the test.
- Current test running status display
- Inbuilt pressure settings through HMI screen
- Highly accurate test results under pneumatic pressure control.
- Strong clamping mechanism for performing tests
- Digital Preset Timer functions incorporated for accuracy and repeatability
- Corrosion Resistant stainless steel test chamber
- Fully automatic test after easy settings



Top View

Front View

Side View

The testing instrument Bottle Burst Tester - Touch Screen is used to measure the Burst Strength of PET bottles when subjected to pressurized air. It measure the volumetric expansion of PET bottle under pressurized conditions to rupture or burst the bottle.

**Key Specifications:**

Display	HMI Based touch screen
Pressure test range	Upto 260 psi
PressureDisplay	HMI TFT colour screen 7"
Accuracy	± 2% at full range.
Power	220V , Single phase, 50 Hz
Input Pressure	Max. 290 psi (otherwise as per testing)
Minimum diameter of Bottle Neck	21 mm
Maximum Diameter of Bottle Neck	24.6mm
Maximum Bottle Diameter	150 mm
Pressure unit	kg /cm <sup>2</sup> , psi, bar (selectable units)

**Features :**

- Pressure release and settings controlled and measured by means of precise detecting system
- Robust Construction
- Ease of use of sample placements inside the test chamber with easy clamping system
- Fully automatic test cycle after settings through PLC control
- Pressure Vs Time graph of the output
- USB option available for storing test data
- Data output in graphical and data record format
- Auto Pressure hold facility for maintaining pressure
- Easy to access Inbuilt self-calibration facility
- Applicable for Different sized PET bottles

**Highlights:**

Pressure Hold Facility	Yes
Material	Mild Steel / Stainless Steel
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zincplating for corrosion resistant finish
Dimensions	1430x665x1075 mm
Test Status	Pass / Fail report

- High pressure regulated air line not in our scope of supply

**Optional :**

- \* Ramp Test Model is also available (10 psi / sec or rate of testing can be changed.)
- Digital Bottle Burst Tester model also available.

Thank you customers for choosing us as your partners in growth !



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**OUR OTHER PRODUCTS :-**



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