



Presto Stantest Pvt. Ltd.

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ENDURANCE TESTER

For Dispenser Bottles, spray bottles and similar Products



Presto's **Endurance Tester** is designed to test the longevity and durability of the dispensing pumps. It helps in **assessing the mechanical actuation** present in the design of bottle caps. Mechanical stress is applied in the form of compression which simulates the real world actions done by the human onto the bottle caps. This helps in maintaining the quality and reputation of enterprise in front of the customer.

Endurance tester ensures the durability stability of the product. Testing process involves, subjecting component to repeated load cycles under controlled conditions until it reaches the predetermined number of cycles or fails as a result of normal wear and tear.

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KEY FEATURE

- a. Compact size machine with Mild Steel material
- b. HMI screen based controlling for ease of operation
- c. Inbuilt Counter with high range from 0-9999.
- d. Pneumatic cylinder for pressing fixture onto specimen
- e. Elegant safety glass door.
- f. USB port facility
- g. Pressure regulator for ease of operation in controlling pressure applied
- h. Efficient pressure gauge to monitor the value of pressure
- i. Adjustable fixtures for specimen to ensure accuracy
- j. Data retrieving and storage facility available

Specifications

- Designed for endurance testing of dispensing pumps and bottle caps.
- Performs repetitive compression cycle testing to evaluate product durability.
- Heavy-duty mild steel construction for long-lasting performance.
- HMI touchscreen control for easy operation and test setup.
- Pneumatic cylinder for consistent and controlled actuation.
- Built-in digital cycle counter with a range of **0-9999**.
- Adjustable pressure regulator for precise pressure control.
- Integrated pressure gauge for real-time pressure monitoring.
- USB port for data transfer and storage.
- Data logging and retrieval facility for test records.
- Adjustable specimen fixtures to accommodate different bottle and pump sizes.
- Safety glass door for secure testing.
- Standard power supply: 220V AC, 50 Hz.
- Suitable for testing dispensing pumps, lotion pumps, trigger sprayers, mist sprayers, bottle caps, and similar closures.
- Checks the spring fatigue, gasket wear, fluid spillage due to wearing in gasket elasticity lose and actuation force change.



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Benefits

- The test helps in evaluation of the ability of product to withstand repeated operations over an extended period under controlled test conditions.
- Checks the spring fatigue, gasket wear, fluid spillage due to wearing in gasket elasticity lose and actuation force change.
- Manufacturers can make informed judgments about improving product design with the aid of this test, which offers insightful information about how well a product functions under extended use.
- Selecting the right equipment for endurance test reduces quality variation from product to product which helps in maintaining a good brand value.
- Helps in discovering the product's failure point
- Ensures the product's consistent working for the longer operating hours.
- It helps in ensuring durability and stability of the product
- Helps in gaining confidence of the Product for specific application

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



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OUR OTHER PRODUCTS :-



Box Compression Tester
Digital cum Computerised

Scuff Resistance Tester

Tensile Tester Digital

Spectrocolorimeter

Cobb Sizing Tester

Digital GSM Balance

