



GLASS BOTTLE INTERNAL PRESSURE RESISTANCE TESTER - TORONBIPT™-AUTO

ToronBIPT™-Auto is a fully automatic, advanced testing system designed to measure the internal pressure resistance of glass bottles. Built to meet internationally recognized standards, it offers high precision, speed, and dependable performance. This makes it a reliable solution for glass bottle production, beverage processing, and quality control labs.

APPLICATIONS

Standards Compliance

1. ASTM C147-76 – Method B (Linear Pressure Increase Method)
2. ISO/CD 7458 – Glass Containers – Internal Pressure Resistance Test Method
3. YBB00172003-2015 – Method for Determination of Internal Pressure Resistance



Applications

- Glass beer bottles
- Soda and cola bottles
- Glass infusion bottles
- Other pressure-resistant glass containers

FEATURES

Key Features of Glass Bottle Internal Pressure Resistance Tester - ToronBIPT™ -Auto

- High Accuracy and Wide Measurement Range:
Capable of testing up to 6.00 MPa with precision on par with international standards.
- Rapid Testing Speed:
Each bottle is pressurized in under 10 seconds; standard pressure tests (1.60 MPa) are typically completed in about 4 seconds.
- Fully Automated and User-Friendly:
Features an intuitive interface, automatic fault detection, error alerts, and built-in printing functionality for seamless operation.
- Reliable and Durable Build:
Constructed with high-quality materials and premium components to ensure long-term stability and consistent performance.

- Versatile Applications:
Suitable for use in glass bottle manufacturing, breweries, beverage production, and quality control laboratories.

TECHNICAL SPECIFICATIONS

Specification	Details
Test Pressure Range	0.50 – 6.00 MPa
Pressure Resolution	0.01 MPa
Pressure Test Error	<1.5% F.S
Testing Capacity	Approx. 5-10 bottles/minute
Pressurization Rate Error	<5%
Bottle Neck Clamp Diameter	Ø24-29 mm (customized sizes available)
Ambient Temperature Range	0 – 40°C
Ambient Humidity Range	<95% RH
Voltage	220 VAC ±5% (110V is also available) (Proper grounding required)
Air Supply	0 – 0.8 MPa supports 0.4/0.58/1.0 MPa/s rates
Safety Features	Built-in safety protection mechanisms



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