



TORONTECH



BOTTLE WALL THICKNESS TESTER - TORONBWT™

Precision Thickness Measurement for PET Bottles, Glass Containers, and Aluminum Cans

ToronBWT™ Bottle Wall Thickness Tester by Torontech is a high-precision, non-destructive measuring instrument designed to evaluate the wall and base thickness of PET bottles, glass bottles, aluminum cans, and other rigid packaging containers. It is an essential quality control tool for manufacturers in the beverage, food, pharmaceutical, and packaging industries who demand accurate material distribution analysis for safety, efficiency, and compliance.

The ToronBWT™ ensures reliable and repeatable measurements of bottle wall thickness with exceptional resolution, supporting both R&D and production quality assurance workflows.

APPLICATIONS

Standards Compliance

The ToronBWT™ conforms to several international and regional standards for bottle testing.

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Applications

1. PET bottle wall thickness measurement
2. Glass bottle quality control
3. Aluminum can thickness uniformity
4. Container development in R&D labs
5. In-line QA for beverage and pharmaceutical packaging lines

Torontech is a trusted name in material testing solutions, combining engineering excellence, regulatory compliance, and user-focused design. The ToronBWT Bottle Wall Thickness Tester is the ideal solution for packaging manufacturers who demand precision, efficiency, and global compatibility.

FEATURES

Key Features of Bottle Wall Thickness Tester - ToronBWT™

1. **Versatile Sample Compatibility**

Compatible with a wide range of container types and sizes, including PET beverage bottles, glass containers, and metal cans with complex shapes and patterns.

2. **Customizable Measuring Rods**

Adaptable probe tips to accommodate different bottle geometries, neck finishes, or base contours.

3. **All-in-One Wall and Bottom Measurement**

Enables both side wall and bottom thickness measurements using the same instrument, simplifying workflows.

4. **Ultra-High Precision Sensor**

Equipped with a super-sensitive contact sensor offering resolution up to 0.001 mm, ensuring accurate material thickness readings.

5. **Simple and Durable Design**

Engineered with a streamlined mechanical structure, the ToronBWT provides long-lasting reliability with minimal

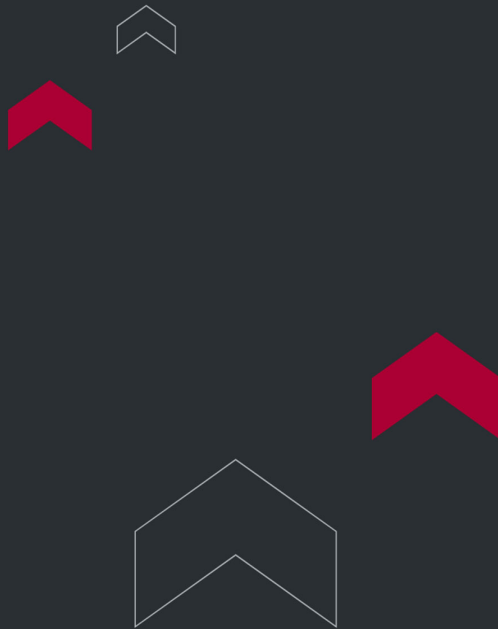
maintenance.

6. **Flexible Measurement Range**

Suitable for both small and large bottles with up to 150 mm diameter and 300 mm height.

TECHNICAL SPECIFICATIONS

Specification	Details
Measuring Range	0-12.7 mm standard (Optional: up to 25.4 mm or customizable)
Resolution	0.001 mm
Sample Diameter	≤150 mm
Sample Height	≤300 mm
Dimensions	400 × 220 × 600 mm
Weight	15 kg



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

