

# BLOOD BAG EMPTYING UNDER PRESSURE TESTER



Blood Bag Emptying under Pressure Tester – Model ToronMed™ BBEUPT01 is designed to evaluate the pressurized emptying performance of plastic containers for single use, such as blood bags and related medical storage containers. By simulating real-world conditions, this tester ensures that blood bags and similar products maintain performance and safety during pressurized emptying, as required by ISO 3826-1 and other international standards.

Engineered with precision and reliability, the Blood Bag Emptying under Pressure Tester – Model ToronMed™ BBEUPT01 is an essential instrument for medical device manufacturers, laboratories, and regulatory facilities engaged in product validation, quality control, and compliance testing.

Torontech is a trusted global provider of advanced medical device testing solutions. With the Blood Bag Emptying under Pressure Tester – Model ToronMed™ BBEUPT01, laboratories and manufacturers gain a precise, durable, and standards-compliant solution that ensures the safety, performance, and reliability of single-use medical containers.

## APPLICATIONS

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The Blood Bag Emptying under Pressure Tester – Model ToronMed™ BBEUPT01 is ideal for:

- Medical device manufacturers producing blood bags and other single-use medical containers.
- Independent testing labs conducting compliance verification in line with ISO and international standards.
- Quality assurance departments performing routine validation and production line QC.
- Research institutions developing new blood bag materials or container designs.

## FEATURES

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- Pressurized Emptying Test – Evaluates container performance under controlled compression force and pressure.
- Adjustable Compression Speed – Provides a wide testing range to simulate various usage conditions.

- Accurate Pressure Measurement – High-resolution sensors ensure precise test data.
- Stable Environmental Performance – Operates reliably under controlled working temperatures.

## TECHNICAL SPECIFICATIONS

| Specification          | Blood Bag Emptying under Pressure Tester - Model ToronMed™ BBEUPT01            |
|------------------------|--------------------------------------------------------------------------------|
| Test Size              | 450 × 270 mm                                                                   |
| Working Stroke         | 200 mm                                                                         |
| Compression Speed      | 1-1000 mm/min                                                                  |
| Pressure Loading Range | 100 kPa                                                                        |
| Pressure Resolution    | 0.1 kPa                                                                        |
| Working Temperature    | 15-55 °C                                                                       |
| Instrument Dimensions  | Compression device: 500 × 500 × 750 mm<br>Main control box: 300 × 380 × 150 mm |
| Net Weight             | Compression device: 30 kg<br>Main control box: 10 kg                           |
| Voltage                | 220V, 50Hz (110V is also available)                                            |
| Standards              | ISO 3826-1 and other applicable international standards.                       |
| Standard Configuration | Instrument, compression device.                                                |



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