

WATERPROOFNESS TESTER - 5 STATION



Waterproofness Tester – 5 Station | EN 13726-3

Waterproofness Tester – 5 Station Model ToronMed™ WPT05 is a high-efficiency instrument designed to evaluate the waterproofness performance of primary wound dressings, including band-aids, bandages, medical tapes, coated papers, non-woven fabrics, and composite materials of any shape or size.

With its five independent testing stations, the ToronMed™ WPT05 allows multiple samples to be tested simultaneously or separately, significantly improving laboratory throughput while maintaining precise, reliable results.

The Waterproofness Tester – 5 Station Model ToronMed™ WPT05 provides multi-sample, high-throughput testing with uncompromising accuracy, making it the perfect choice for laboratories and manufacturers who require fast, repeatable, and standards-compliant waterproofness evaluations.

APPLICATIONS

The Waterproofness Tester – 5 Station Model ToronMed™ WPT05 is suitable for:

- Basic Applications: Non-woven wound dressings, bandages, medical adhesive tapes.
- Extended Applications: Any type of wound dressing or composite material, regardless of shape or structure.

This makes it ideal for manufacturers, research institutions, and compliance laboratories that require high-volume, repeatable testing.



Standards

The Waterproofness Tester – 5 Station Model ToronMed™ WPT05 is designed in compliance with key international standards for wound dressing waterproofness testing, including:

- EN 13726-3 – Test methods for primary wound dressings – Part 3: Determination of water resistance.
- Other relevant international waterproofness standards – Define uniform methods for testing the barrier performance of wound dressings and medical adhesive products.

By meeting these standards, the ToronMed™ WPT05 ensures that wound dressings and medical adhesive materials are tested with globally recognized reliability and precision.

FEATURES

Technical Features

- Five Independent Stations – Enables parallel testing of multiple samples or individual testing as required.
- Automatic Water Filling System – Supports independent or simultaneous watering.
- Overflow Control at 500 mm – Ensures accurate, consistent water levels.
- High-Precision Sampling Chip – Provides reliable measurement accuracy and real-time data processing.
- Safety Features – Over-voltage protection and power-down memory for safe and stable operation.
- Durable Fixtures – Stainless steel clip-on chucks with dual tightening for secure sample placement.
- Clear Observation – High-transparency borosilicate glass tubes prevent water droplet adhesion.
- Automated Evaluation – Determines pass/fail status at the end of each test cycle.
- Wide Compatibility – Suitable for samples of different thicknesses.
- Data Storage – Capacity to store up to 100,000 test records with query functionality.
- Quartz Crystal Oscillator Timing – Ensures stable and highly accurate timekeeping.

TECHNICAL SPECIFICATIONS

Specification	Waterproofness Tester - 5 Station Model ToronMed™ WPT05
Hydrostatic Pressure	0-600 mm
Control Valve	Electronic valve
Pressure Withstanding Time	0-999
Stations	5 independent
Water Filling	Automatic
Drainage	Unified
Timer	5 pcs (independent)
Overflow Switch	5 pcs (independent)
Fixtures	5 pcs
Operating Temperature	15 °C - 50 °C
Humidity	≤ 80% (non-condensing)
Dimensions	500 × 200 × 750 mm
Net Weight	27 kg
Voltage	AC 220V 50Hz (110V is also available)
Standard Configuration	Instrument, fuse, sealing gasket, filter paper, PE tube, water pump.



TORONTECH

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



USA | Canada | EU | UAE | GCC | KSA | India | Africa | Latin America | Asia

