



## CATHETER RESIDUAL VACUUM TESTER

## **Catheter Residual Vacuum Tester ToronMed™ CRVT02 | ISO 8836**

Catheter Residual Vacuum Tester ToronMed™ CRVT02 is a high-precision testing instrument designed for residual vacuum testing of suction catheters and suction tubes used in the respiratory tract. It also meets negative pressure performance requirements for infusion set testing. Engineered for accuracy, repeatability, and ease of operation, the ToronMed™ CRVT02 Catheter Residual Vacuum Tester is ideal for quality control, regulatory compliance, and R&D applications in the medical device industry.

### **APPLICATIONS**

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## **Applications**

- Primary: Residual vacuum testing of suction catheters and suction tubes
- Secondary: Negative pressure performance verification for infusion sets



## Applicable Standards

- ISO 8836 – Suction catheters for use in the respiratory tract

## Why Choose Catheter Residual Vacuum Tester ToronMed-CRVT02?

The ToronMed-CRVT02 Catheter Residual Vacuum Tester combines precision, efficiency, and reliability in one integrated system. Its advanced measurement capabilities, intuitive interface, and robust safety features make it an indispensable tool for medical device testing laboratories and manufacturing quality control environments.

### FEATURES

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- Integrated Testing System – Built-in flow control with no need for external accessories.
- Adjustable Gas Flow Source – Positive pressure exhalation gas source with standard piping system for quick and easy replacement.
- High-Accuracy Measurement – Equipped with precision pressure sensors and high-speed sampling chips for real-time performance and dependable results.
- Advanced Safety Protections – Over-voltage protection and power-down memory for uninterrupted operation.
- Data Connectivity – RS232 interface for convenient PC data transfer and integration.

## Enhanced User Experience

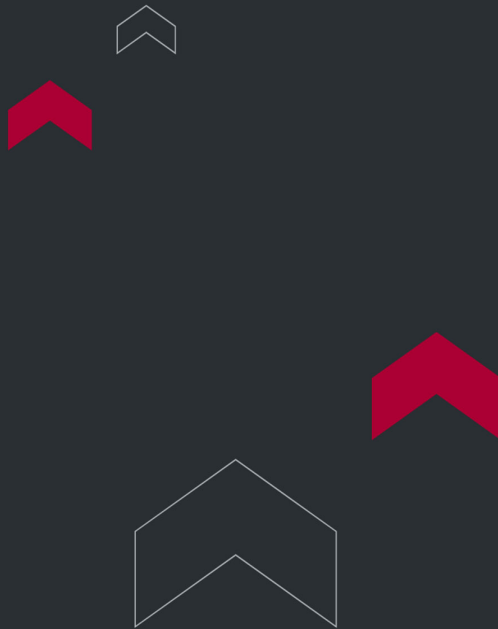
- 7" HD Color LCD Touchscreen – Displays real-time test data clearly and intuitively.
- Large Data Storage – Stores up to 50,000 test records with quick access to historical data.

- Automatic Results – Pass/fail determination with the ability to print test reports instantly.
- Secure Access – Multi-level password-protected user rights management.

## TECHNICAL SPECIFICATIONS

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| Parameter         | Specification               |
|-------------------|-----------------------------|
| Flow Rate         | 30 L/min                    |
| Flow Accuracy     | ±5%                         |
| Pressure          | 10 kPa                      |
| Resolution        | 0.01 kPa                    |
| Pressure Accuracy | 1% FS                       |
| Voltage           | 220V AC 50Hz / 120V AC 60Hz |
| Net Weight        | 30 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](mailto: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](mailto: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](mailto:me@torontech.com)

