



## CATHETER VACUUM LEAK TESTER

Catheter Vacuum Leak Tester ToronMed™ CVLT01 is a precision-engineered instrument designed for accurate and reliable testing of leakage resistance in medical catheters and related devices under vacuum conditions. Ideal for use in R&D laboratories, manufacturing quality control, and regulatory compliance testing, it ensures that medical products meet stringent performance and safety requirements.

This advanced tester is capable of detecting negative pressure leaks in a variety of medical devices, including infusion sets, blood transfusion sets, infusion needles, anesthesia bag filters, tubing, catheters, quick connectors, and more.

## **APPLICATIONS**

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### **Enhanced User Experience**

- 7" HD Color LCD Touchscreen – Displays real-time test data with intuitive controls.
- Gradient Test Mode – Quickly identifies the critical leakage pressure threshold.
- Customizable Settings – Preset vacuum degree and test time for flexible applications.
- Large Data Storage – Stores up to 50,000 test records with automatic pass/fail determination.
- Onboard Printing – Built-in micro printer for instant test result documentation.
- User Access Control – Multi-level password-protected access for security and compliance.

### **Applications**

- Primary: Non-intravascular catheters
- Extended: Infusion sets, blood transfusion sets, anesthesia filters, tubing, quick connectors



# Why Choose Catheter Vacuum Leak Tester ToronMed™ CVLT01?

With its wide testing range, intuitive operation, advanced safety features, and large data storage capacity, the Catheter Vacuum Leak Tester ToronMed™ CVLT01 offers exceptional value for medical device testing. It is engineered for accuracy, reliability, and compliance with international medical testing requirements.

## FEATURES

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### Key Features

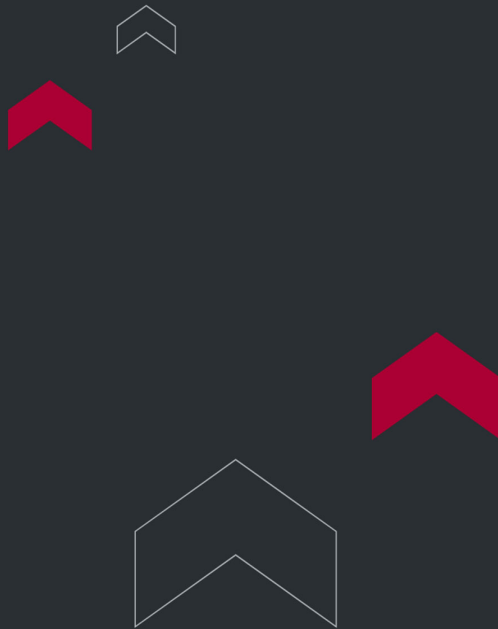
- Wide Test Range – Covers 0 to -90 kPa for various catheter and tubing types.
- Vacuum Transition Tank – Prevents water from backing up into the system for improved durability.
- High-Precision Measurement – Utilizes a high-speed, high-accuracy sampling chip for dependable results.
- Automatic Pressure Control – Maintains constant vacuum conditions throughout the test.
- Streamlined Test Completion – Automatic blowback and unloading functions for smooth operation.
- Built-in Safety Systems – Includes over-voltage protection and power-down memory for uninterrupted testing.
- Data Connectivity – RS232 interface for convenient PC connection and data transfer.

## TECHNICAL SPECIFICATIONS

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| Parameter  | Specification |
|------------|---------------|
| Test Range | 0 ~ -90 kPa   |

| Parameter       | Specification                       |
|-----------------|-------------------------------------|
| Accuracy        | 0.1% FS                             |
| Vacuum Maintain | Automatic constant pressure control |
| Test Time       | 0 - 99,999 s (adjustable)           |
| Test Error      | $\leq \pm 1$                        |
| Voltage         | 220V, 50Hz (110V is also available) |
| Net Weight      | 20 kg                               |



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