



TORONTECH

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

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

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

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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