



VACUUM DECAY LEAK TESTER - TORONVDL™

Vacuum Decay Leak Tester – ToronVDL™ uses a high-precision pressure sensor to monitor the pressure environment and detect any changes. By observing the pressure drop during the stabilization period, the system can accurately determine if a sample has a leak. When used with the appropriate fixture, it provides a reliable method for identifying leaks in various samples.

APPLICATIONS

Test Standards

ToronVDL™ complies with multiple international standards, including ASTM F2338-13.

Test Principle

ToronVDL™ Vacuum Decay Leak Tester detects package leaks by measuring the pressure increase (vacuum loss) within a sealed, evacuated test chamber that contains the test package.

FEATURES

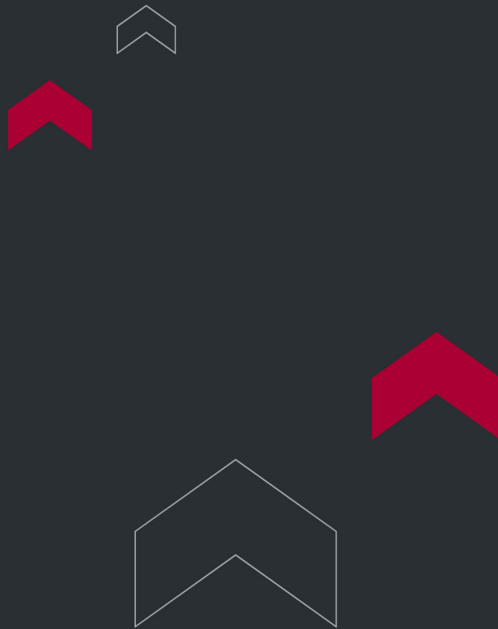
Key Features of Vacuum Decay Leak Tester – ToronVDL™

- 7-inch TFT touchscreen with an intuitive interface for effortless operation
- Single-sample testing completes in under 25 seconds

- Non-destructive leak testing with a minimum detection limit of 5µm
- Independently designed test fixtures for quick and easy replacement
- Supports vacuum decay testing for both flexible and rigid packaging, including vials, infusion bags, contact lens packaging, milk powder cans, and electronic accessory packs
- Vacuum Decay Leak Tester – ToronVDL offers both zero-point and standard leak calibration methods for fast and accurate results
- Constructed with ABS engineering plastic for enhanced impact and corrosion resistance
- Modular design allows easy maintenance and future function upgrades
- Automatically evaluates test results and prints data using the built-in micro printer

TECHNICAL SPECIFICATIONS

Model	Vacuum Decay Leak Tester - ToronVDL™
Test Method	Vacuum decay method
Test System	Single sensor
Vacuum Degree	0~-90 kPa
Pressure Accuracy	0.25% FS
Vacuum Resolution	1 Pa
Operation Interface	Touch screen
Leak Detect Limit	5-10 µm
Test Time	60 s/Group
Test Results	Qualified/Unqualified



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