



INFUSION SETS LEAKAGE TESTER - NEGATIVE PRESSURE

ISO 8536-4, EN 1618

Infusion Sets Leakage Tester – Negative Pressure ToronMed-ILSTNP03 is a high-precision testing instrument designed to perform negative pressure leakage tests on infusion sets. It can also be used to evaluate the leakage performance of a wide range of medical devices, including catheters, blood transfusion sets, and anesthesia filters. Engineered for accuracy, durability, and compliance with ISO 8536-4 and EN 1618, the ToronMed-ILSTNP03 is ideal for medical device manufacturers, testing laboratories, and regulatory compliance facilities.

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 point.
- Customizable Test Parameters – Vacuum degree and time can be preset for repeatable testing.
- Large Data Storage – Stores up to 100,000 test records with quick access to historical data.
- Automatic Result Evaluation – Pass/fail determination with instant printing capability.
- Secure Data Management – Four-level user password protection and GMP-compliant software with audit trail functionality.

Applications

- Primary: Infusion set leakage testing under negative pressure

- Extended: Catheters, blood transfusion sets, anesthesia filters

Applicable Standards

- ISO 8536-4 – Infusion equipment for medical use
- EN 1618 – Catheters and tubing for medical use

Why Choose ToronMed-ILSTNP03 Infusion Sets Leakage Tester – Negative Pressure?

The ToronMed-ILSTNP03 Infusion Sets Leakage Tester – Negative Pressure combines robust performance, high measurement accuracy, and advanced data security features, making it the preferred choice for laboratories and manufacturers that demand reliability, compliance, and efficiency in negative pressure leakage testing.

FEATURES

- Wide Negative Pressure Range – Adjustable from 0 to -90 kPa for testing various medical devices.
- Vacuum Transition Tank – Prevents water from backing up into the equipment, extending its service life.
- Precision Measurement – High-speed and high-accuracy sampling chip for reliable results.
- Automatic Pressure Control – Maintains constant preset vacuum conditions throughout the test.
- Easy Test Completion – Automatic blowback and unloading functions for smooth operation.
- Built-in Safety Protections – Over-voltage protection, power-down memory, and over-pressure shutdown safeguard both the equipment and the operator.
- Data Connectivity – RS232 interface for PC connection and seamless data transfer.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Test Range	0 ~ -90 kPa
Accuracy	0.5% FS
Vacuum Maintain	Automatic constant pressure control
Test Time	0 – 99,999 s (adjustable)
Test Error	≤ ±1
Voltage	220V, 50Hz (110V is also available)
Net Weight	20 kg



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