

PRODUCT TECHNICAL BRIEF

LeakLab ManoTest Pneumatic Leak-Test Instrument

LeakLab ManoTest Pneumatic Leak-Test Instrument -
LeakLab solutions for leak testing, vacuum systems and
test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Differential measurement span stated in the source configuration	-250 to +250 Pa
Vacuum supply range stated in the source configuration	-100 to -5 kPa gauge
Low positive-pressure range	5-100 kPa gauge
Standard positive-pressure range	25-600 kPa gauge
Displayed units	Pa, Pa/s, sccm, mm ³ /s, kPa, bar and psi, configuration-dependent
Instrument supply	24 V DC
Compressed-air supply	5.5-6 bar in the source configuration
Operating temperature	5-40 °C
Product Label	Promotion

Technical and Project Information

Programmable pressure-decay and differential-pressure leak-test instrument for production and laboratory stations. It manages fill, stabilization, measurement and vent stages and stores product-specific test programs.

ManoTest performs automated leak testing by monitoring pressure change in a sealed product or by comparing it with a reference volume. It supports production recipes, timed process stages and pass/fail evaluation.

Test pressure, stabilization time, volume, temperature drift and fixture leakage determine the practical detection limit. The selected pressure module, valve block, flow conversion, port size, communication interface and safety circuit must be documented in the final configuration.

Pressure-decay testing measures total system behavior; reference parts, periodic challenge tests and a validated correlation to the reject leak are required for production use.

- Leak Detectors Leak-Test Systems Portable Helium Leak Detectors Pressure-Change Leak-Test Instruments Helium Mass-Spectrometer Leak Detectors
- Portable Helium Leak Detectors
- Pressure-Change Leak-Test Instruments
- Helium Mass-Spectrometer Leak Detectors
- Helium Reference Leaks
- Scanning Electron Microscopes
- Leak-Detector Accessories

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: LeakLab ManoTest Pneumatic Leak-Test Instrument

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.