



## Lippke 5000 Package testing system

The Lippke® 5000 is a bench-top instrument designed to perform a wide variety of seal integrity tests to exacting standards. It measures the seal strength and package integrity of flexible, rigid, porous and laminated foil in many applications. These can include modified atmosphere (MAP), vacuum and skin packaging. With an extensive array of features and accessories, it meets applicable ISO and ASTM standards. Monitoring package integrity is vital in many industries: e.g. Medical (maintaining product sterility), Pharmaceutical (meeting standards and protecting product effectivity) and Food (ensuring food safety and maintaining freshness). The Lippke 5000 offers many improvements over earlier models, including shorter fill times, higher pressures and minimized over-shoot. Data import and export have been made easier with an integrated USB port, cloning and back-up functions and optional accessories, like a barcode scanner and printer. The graphic user interface gives access to many features and settings. Optional PC software provides additional data graphing and statistical analysis capabilities. Lippke 5000 provides exact, definable and reproducible test results – both in production and laboratory environments.

## Benefits

- Optimized pressure regulation and fill times
- Improved accuracy and short test cycles
- Visual display of test results
- Pump feature easily inflates flat packages
- Broad 1-5 bar pressure range
- Easy installation and data sharing

## Features

- New, improved measuring algorithm
- Test heads with integrated sense probe
- Touch screen with multilingual GUI
- Data capture, storage & export on all units
- USB port for optional barcode scanner, label printer or keyboard
- Compliant with ASTM and ISO standards
- IQ/OQ available
- PC software option for: FDA 21 CFR, part 11 compliance, test reports (PDF), graphs, combined test, interface with SQL database

## Specifications

### Package types:

### Test types:

### Test package size:

### Test time:

### Measuring range:

### Displayed resolution:

### Accuracy of measurement:

### Number of test definitions:

### Data collection capacity:

### Data collection type:

### Dimensions (WxDxH) and weight:

### IP class:

### Ambient temperature:

### Relative humidity:

### Ambient pressure:

### Power supply and consumption:

### Air supply pressure and connection:

### Air consumption:

### Connectivity:

### Compliances:

### Standards:

## Lippke 5000

Flexible, semi-rigid, and rigid packages

Burst, leak, creep, bubble, combined test

1-90 000ml

1-500 sec

10-5000 mbar (0.145-72.5 psi)

Low range: 10-350 mbar (0.15-5.0 psi)

High range: 350-5000 mbar (5.0-72.5 psi)

0-1000 mbar: 0.1 mbar 1000-5000 mbar: 1 bar

Low range:  $\pm 0.5$  mbar (0.007 psi) or 0.5 % of reading

High range:  $\pm 5$  mbar (0.07 psi) or 0.5 % of reading  
300

Test data for more than 1,000,000 tests

Exported to CSV file

284 x 236.5 x 185 mm (11.2 x 9.3 x 7.3") 3.4kg (7.5lb)

IP 20

Operational: +2 to +35°C Storage: -20°C to +60°C

+2°C to +25°C: 10 to 90% RH; +25°C to +30°C: 10 to

70% RH; +30°C to +35°C: 10 to 50% RH (non condensing)

900-1050 mbar

100-240 VAC, 47-63 Hz Max 40W

4.0-6.5 bar; at least 1 bar above the test pressure

Ø6/4mm tube DIN ISO 8573-1:2010 [F4:4:3]

Max 100 L/min (depending on test settings)

LAN: RJ-45 Ethernet 10/100 Mbit/s, DHCP client or fixed IP

USB: 1 x host, USB 2.0 Type A, 1 x Device, USB 2.0 Type B

(max current 500 mA)

CE, China RoHS II

ASTM F-1140, F-2054, F-2095, F-2096, ISO 11607



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