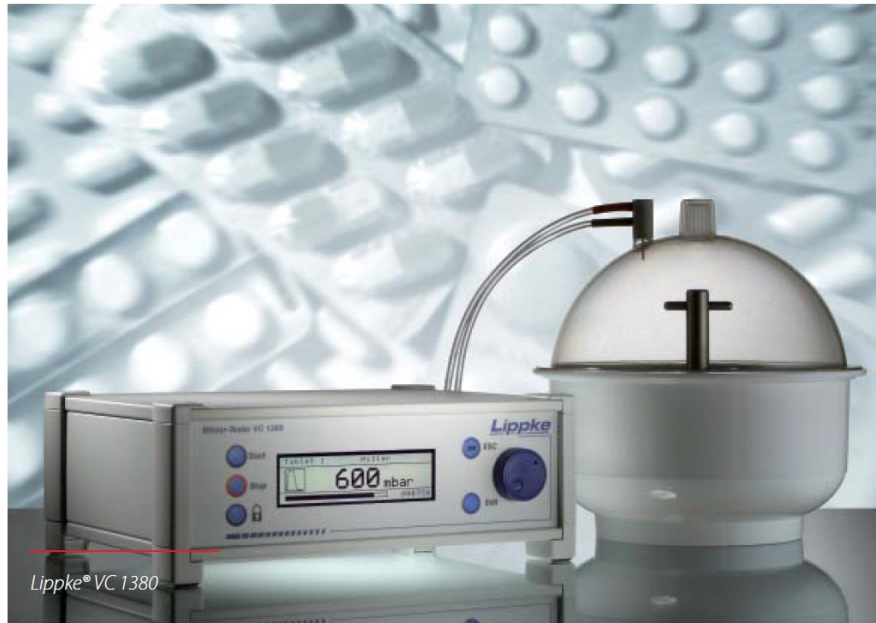


# Lippke VC1380

## Vacuum Leak Detection System



The vacuum leak detection system Lippke VC 1380 finds smallest leaks and holes in (pharmaceutical) blisters and other flexible, semi-rigid or rigid packages like glass vials etc.

It automates the classic methylene blue dye test, makes it reproducible and automatically provides a documentation when the test is finished.

Vacuum, test and penetration time are adjustable and can be stored into a database. This ensures that identical products will always be tested with the same parameters so that tests are repeatable.

### System Advantages

- Adjustment and storage of parameters for 100% reproducibility of tests
- Automatic printout of test documentation with user name and parameters
- PIN login for system protection against unauthorized use or manipulation
- Documents for installation and operational qualification of equipment (IQ/OQ)
- Data export to PC or printer
- No adjustment required for different blister sizes or types
- Compliant with:
  - ASTM D3078
  - Farmacopea Mexicana HERMETIC Method IV

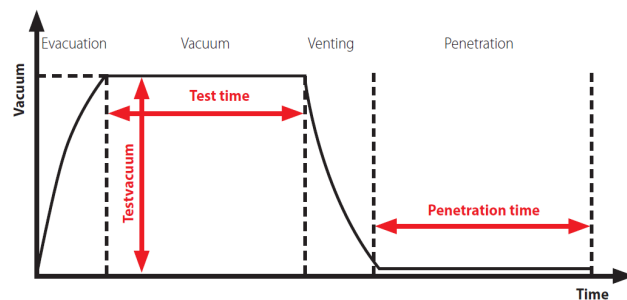


## Lippke VC1380 Vacuum Leak Detection System

### Detect even the smallest of leaks

The hold mode is divided into the following phases:

- Evacuation of the desiccator
- The test time for vacuum exposure will stress the package to exact periods
- Venting the desiccator
- The blister pack remains under atmospheric pressure. This ensures that the dye penetrates into fine capillaries.



**Vacuum Pump**



**Perforated disc for standard vacuum chamber**

### Technical Data

|                        |  |
|------------------------|--|
| <b>Supply</b>          |  |
| Vacuum source:         | Vacuum pump, compressed air or house vacuum        |
| Voltage:               | 230 V, changeable to 110V                          |
| Frequency:             | 50/60 Hz   |
| <b>Units</b>           |  |
| Pressure Units:        | mbar, mmHg, psi                                    |
| Vacuum:                | Adjustable between 100-900 mbar                    |
| Accuracy:              | ±0.5% FSC  |
| Reproducibility:       | ± 2 mbar   |
| <b>Environment</b>     |  |
| Temperature:           | +5 - +40°C   |
| Air RH:                | 0 - 90% non condensing                             |
| Protection degree:     | IP43   |
| <b>Dimensions</b>      |  |
| Width x Depth x Height | 340mm x 270mm x 130mm                              |
| <b>Standards</b>       | ASTM D3078, Farmacopea Mexicana HERMETIC Method IV |



RDM Test Equipment Ltd  
Unit 39 Golds Nurseries Bus. Park  
Jenkins Drive, ELSENHAM  
Hertfordshire, CM22 6JX, UK

Tel: +44(0)1279 817171  
Fax: +44(0)1279 815743  
E-mail: sales@rdmtest.com  
Web: www.rdmtest.com