

LEAK TEST APPARATUS

MODEL: VLT – A



The Instrument finds smallest leaks and holes in Tablet Blisters and other flexible, semi-rigid packages. The Instrument is incorporated with microcontroller based circuitry and is very simple to operate.

The process is being divided into a various stages. Vacuum is created as per the set value, then vacuum pressure is exposed to stress the package to exact set time. The vacuum is released after the set time and samples are kept under the atmospheric pressure for set time. This ensures that the color water is penetrated even into fine holes.

FEATURES

- Automatic system.
- Display indicates Set and Actual VACUUM LEVEL.
- VACUUM LEVEL can set as per requirement upto 600 mm Hg.
- Settable Retention Time, Start delay Time and Vacuum Hold Time.
- Automatic Release of Vacuum.
- Serial port interface for dot matrix printer.
- 20 x 4 alphanumeric informative LCD screen

LEAK TEST APPARATUS

MODEL: VLT – ADV



This microcontroller based instrument is advanced version of Model VLT-A with enhanced features such as password protection and expiration, multi hierarchy operations etc. Depending upon hierarchies the multi hierarchy feature offers supervised access to users of three levels.

- Level - 1 & Level - 2 users have restricted access.
- Level - 3 users have the capabilities of an admin & have absolute control over operations of the system.

FEATURES

- Complete Automatic System.
- Display indicates Set and Actual VACUUM LEVEL.
- Three level password protection.
- User has to login to access data or conduct test.
- User can change password validity period.
- Password expires after set period.
- Test result printout should be approved by signature of authorized personnel.
- VACUUM LEVEL can be set as per requirement upto 600 mm Hg.
- Settable Vacuum Hold Time.
- Automatic Release of Vacuum.
- Facility to Validate vacuum level.
- Alarm Indicates the TEST OVER.

- Keyboard Input: 4 x 4 matrix self-explanatory keyboard + QWERTY keyboard.
- Memory to store 25 test reports and 50 tests methods.
- Printout with vacuum level during test runtime in tabular format.

TECHNICAL DATA

- Inbuilt diaphragm (oil free) vacuum pump.
- 240 x 128 LCD screen.
- SS 304 MOC.
- 12 inches diameter desiccator.
- Dimensions: 480 mm x 300mm x 230mm.
- Power: 230v 50Hz, 500 watt.