

# Microprocessor Leak Test Apparatus

1961

## Advantages

- Extremely Useful for Packing Industry
- Ideal for Leak Testing of Strips, Blisters & Sachets
- Microprocessor Based, Easy to Use
- 20 x 4 Line Alphanumeric LCD with Backlit
- Soft Touch Alphanumeric Mobile Keypad
- Programmable Vacuum & Hold Time
- Selectable Pressure Units
- 5 Setup Storage Facility
- Last Result Storage Automatically
- Printer Attachment Facility



1 Year  
Warranty

**Leak Test Apparatus** is a solid state instrument designed for the leakage testing of food, drug and other industrial chemical products. The instrument is used to test the quality of packing processes in strips, blisters and sachets containing tablets, granulates and liquids. They are also used to check that the seals enclosing the product are perfectly intact.

The unit contains a polycarbonate desiccator housing to sustain the vacuum for long time. A compact vacuum pump for creating high vacuum level in short time period is used.

Test samples to be analyzed are placed into the polycarbonate desiccator housing. A vacuum pump generates vacuum inside the desiccator. The vacuum generated is held for a pre-set time, and then released. The test samples being analyzed should retain their shape during this test, indicating the sealing is correct. Secondly the strip/bottles under test are immersed in a colored dye solution (normally Methylene Blue). The venting of the desiccators will allow any holes to be penetrated by the dye and the contents of the flexible packaging will also be stained with the same coloring material.





## Microprocessor Leak Test Apparatus

### Technical Data

|                       |  |
|-----------------------|--|
| <b>VACUUM RANGE</b>   | 150 - 600 mm Hg  |
| <b>VACUUM SETTING</b> | Vacuum can stabilize for a set value less than 400 mmHg $\pm$ 10 mmHg within 30 seconds  |
| <b>DESICCATOR</b>     | 12 Inch  |
| <b>DISPLAY</b>        | 20 x 4 Line alphanumeric LCD with backlit  |
| <b>KEYBOARD</b>       | Soft touch membrane keys, Alphanumeric mobile keypad.  |
| <b>PRINTER</b>        | Attachment of dot matrix printer with centronics /parallel interface   |
| <b>SETUP'S</b>        | 5 Programmable user setups for quick analysis  |
| <b>HOLD TIME</b>      | upto 9999 secs   |
| <b>POWER</b>          | AC 230 V $\pm$ 10%, 50 Hz  |
| <b>WEIGHT</b>         | 13 Kg. (Approx.)   |
| <b>ACCESSORIES</b>    | <ul style="list-style-type: none"><li>● Main Apparatus along with vacuum pump</li><li>● Polycarbonate desiccator along with connecting tube</li><li>● Instruction Manual</li></ul> |

### Product Range

Semi Auto Analyser, Double Beam UV/VIS Spectrophotometer, Single Beam UV/VIS Spectrophotometer, Flame Photometer, Hemoglobin Meter, Photo Colorimeter, pH Meter, Conductivity Meter, TDS Meter, DO Meter, Salinity Meter, Turbidity Meter, Nephelometer, Colony Counter, Karl Fischer Moisture Titrator, Photo Fluorometer, Dissolution Test Apparatus, Disintegration Test Apparatus, Friability Test Apparatus, Melting Point Apparatus, Telethermometer, Temperature Indicator, Water & Soil Analysis Kit, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Student Microscope, Binocular microscope, Co-Axial Binocular, Medical Microscope

