



Leak Test Apparatus

DESCRIPTION:

RSolv 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 Instrument is equipped with microcontroller based 4 digit seven segment bright red LED display. Soft touch keys provides a convenient user interface.

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. A vacuum gauge on the front panel of the instrument indicates the vacuum level. The vacuum gauge is connected to a control valve that isolates the vacuum inside desiccator from the vacuum source

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 manually. The test samples being analyzed should retain their shape during this test, indicating the sealing is correct. Secondly, as 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

FEATURES:

1. Extremely Useful for Packing Industry
2. Ideal for Leak Testing of Strips, Blisters & Sachets
3. Programmable Hold Time

TECHNICAL SPECIFICATIONS:

Vacuum Range	150 - 650 mm of Hg
Vacuum Setting	Vacuum can stabilize for a set value less than 400 mm of Hg ± 10 mm Hg within 30 seconds
Desiccator	6", 10", 12" (Please specify while ordering)
Display	4 - Digit Seven Segment Bright LED
Keyboard	Soft Touch Keys
Hold Time	1 - 9999 Secs
Power	230 V ± 10% AC, 50 Hz, 10 W
Weight	13 Kgs Approx.
Accessories	Main Apparatus along with vacuum pump, Plucarbonate Desiccator along with collectiong tubes, Operation Manual



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