



MICRO LEAK TESTER

For Accurate Objective And Fast Dry Air Leak Testing

Kalpak instruments and Controls offers a complete range of Micro Leak Testers to suit virtually any LEAK TESTING application in Production Testing, Quality Control and R & D applications. KALPAK Leak Tester is a Micro Controller based programmable instrument capable of easy and accurate volume Leak testing down to 1cc / min and measuring test pressures over a wide range from vacuum to 200 Bar using dry air as a source. It can test the products for leakage as per the latest national and international standards.

Features

- Fully Programmable.
- Ease of Operation.
- Faster, repeatable Performance.
- Accept / Reject decision through Audio - Visual indications.
- Ideal for production line QC / SPC Applications.
- Easy calibration.
- Can be used both for Single station Manual Testing as well as Automated Assembly / Test Systems.
- 16 X 2 LCD Display for Test results and status indication.
- Built in Memory for up to 1000 Test Records.
- RS 232 Interface for Data communication to PC.

We offer a choice from 4 proven Models depending on your allowable leak pressure and test pressure specifications.

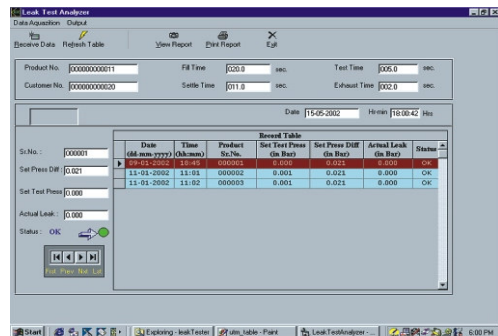
Model				
Model No.	MELD 1000	MELD 2000	MELD 3000	MELD 4000
Technology	Vacuum based	Pressure Decay	Differential Pressure / Vacuum	Mass Flow based
Test Pressure	Up to 760 mmHg	Up to 200 Bar	1 Bar to 20 Bar	Up to 100 Bar
Leak Measurements	1 mBar and above	1 mBar and above	0.01 mBar / 0.1mm WC and above	0.1 cc / min. and above
Accuracy	1:2000 parts	1:2000 parts	1:20000 parts	1:10000 parts

Leak Test Software

Kalpak Leak Test Software is a powerful Windows based user friendly software specially designed for the user of Kalpak Leak Tester. The test data is acquired through the serial PC Port and logged on to provide tabular display. The table indicates Product Details like Product and Customer Code number as also Test Parameters like Fill Time, Settle Time, Test Time, Exhaust Time, Delay Set and Group Set. The Data Table Provides details such as Test Date & Time, Set Test Pressure, Set Pressure Difference, Actual leak and Accept / Reject Status.

Features

User friendly screen with complete evaluation & presentation of test results in Tabular formats. Easy to load, Easy to operate, No special training required. Online or Receive mode options Report screen is used to make data entry and to generate reports, Layout design of parameters, results can be pre-programmed as per user requirements Easy access to results of past test data.



Customized Leak Test Systems



Pneumatically operated



Hydraulically operated



Hydraulically operated



Vacuum based System



Vacuum based System

We offer Complete turnkey Leak Test Solutions using our engineering expertise in application of Leak detection Techniques. We have in house capabilities for Electrical and Electronic Design, PLC programming, Customized SPC and Data Analysis Software development, Design & development of Customized Manual/Pneumatic or hydraulic Clamping Test fixtures to support our turn key solutions. Above photos shall provide you with an insight into the range of Customized Leak test Systems developed by us:

