

## Single or Multi-PoN sequential or Concurrent Pressure or Vacuum Decay Leak or Leak/Flow Tester

**me TME Solution is a high resolution leak or leak/flow tester featuring one to four channel concurrent or sequential leak and flow testing.**

**Sensitive, repeatable and reliable, the TME Solution can perform a variety of test types on product, including burst, occlusion, vacuum and pressure decay, crack, and differential pressure or vacuum. Real time process control provides statistical analysis of tests results enabling earlier detection of process problems**

**Touch screen menu-driven operation allows the operator to control the test parameters, examine statistical analysis of results or download data files easily.**

**me TME Solution, in conjunction with custom fixtures, accessories and engineering support, provides a complete turnkey solution to your leak and flow testing needs.**

**Clean, Dry Tests with Repeatable, Quantitative Results. Stores up to 100 different tests or test parameters and has a datalog capacity of 5000 test results.**

**Real time statistical analysis accessible on demand, including quality control charts for proactive process control.**

**Two Way RS232 Computer Connection is standard for data collection and remote parameter control; Ethernet connectivity available to allow data to be transmitted from the instrument to a LAN.**

**me TME Solution conforms to ASTM guideline and provides CFR PaL 11 Data Protection. Calibration is NIST traceable.**



Two po TME Solution

One to Four Channels  
Concurrent or Sequential  
Ethernet Available  
High Resolution 0.0001 PSIG  
Pressure or Vacuum Decay  
CFR Pa 11 Data Protection  
SPC Statistics  
Pressure Rise Measurement  
Dual Switching Capability  
Calibration NIST traceable

**Specifications:**

- Dimensions:** 8.5"W x 16"D x 10"D  
21.59 x 40.64 x 25.4 cm
- Power:** US: 115V, 50/60Hz@1.5amps  
EU: 230V, 50/60Hz@1.25amps
- Storage and/or Operating Environment:** 5 - 40°C (40-100°F), RH <80%  
Non-condensing
- Test Mode:** Pressure or Vacuum,  
Single or Differential
- Test Channels:** 1,2,3 or 4 concurrent or  
sequential
- Controls:** Push buttons, Touch pad  
Keylock, Power on/off
- Single Tests:** Leak, Flow
- Dual Tests:** Leak/Flow, Flow/Leak
- Display:** Backlit Colored LCD, 40  
character x 16 line  
Alphanumeric/Graphic
- Display Units:** PSI, Inches of H2O, kPa, mBar,  
others available
- Datalog Memory:** Up to 5,000 Tests
- Program Memory:** Up to 100 linkable programs
- Statistics:** Mean and Range Chals  
Histograms, Standard  
Deviation, Averages,  
Min/Max, UCL & LCL
- Manual Output:** Test setup parameters,  
Current results, Datalog and  
statistics on demand
- Automatic Output:** Current test results to  
pre-set-up printer
- Communications:**  
Port: RS232 connector program  
Input/Data output
- Calibration:** NIST traceable
- Timer ranges:** 1 to 1,000 sec.

**Example Flow Specifications:**  
Contact us for custom flow ranges

Flow Range	10.0-500 ccm	200 - 10,000 ccm
Resolution (ccm)	0.1	1
Accuracy +/- 2% FSD	+/- 10.0	+/- 200

**Optional Accessories:**



**RESTRAINING PLATE FIXTURES**  
For leak testing pouches. Restraining plate fixtures for seal strength tests provide consistent stress loading on all seals.



**LA-05 FILTER DRYING ASSEMBLY**  
Dries and removes water, oil and particulate matter from pressurizing air. The solution requires clean, instrument quality air in order to maintain the warranty on the instrument.



**RS-01 RADIAL SEALING FIXTURE**  
A pneumatically operated clamp that provides either a sealed leak tight access to a tubular product or a sealed leak tight dead end to the product during pressure decay leak testing.

The radial sealing fixture can be configured to diameters from approximately 0.022 to 6.000 inches.

**Example Pressure Specifications:**  
Contact us for custom pressure ranges

Pressure Range	-13.5 --0.5 psi	5 - 300 psi
Resolution (psig)	0.0005	0.005
Accuracy	+/- 0.068	+/- -1.50

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