

TME Industrial Solution™



Single or Multi-Port leak and flow tester for industrial environments

The TME Industrial Solution enables leak and flow testing in environments where an ordinary test instrument would be subjected to possible damage.

The instrument's electronics and pneumatics are contained in one steel enclosure, and the touch-screen display is protected by a clear window. The instrument is available with one to four ports for pressure or vacuum leak and flow testing.

The TME Industrial Solution provides all the reliability, sensitivity and ruggedness of the TME Solution Leak and Flow Tester with protection from your wet or dusty industrial environment.

Case, external switches and indicators are safe for wet or dusty industrial environments and can be made to NEMA specifications.

PLC controls drive the programs and functions - no need to open the case. A variety of units of measure are accessible through the menu including PSI, InH₂O, kPa, and mBar.

High instrument resolution of 0.0001 psi (0.01 mBar)/second enables the most sensitive test results.

Two way RS232 computer connection is standard for data collection and remote parameter control; Ethernet connectivity is available to allow data to be transmitted from the instrument to a LAN.

Provides CFR Part 11 data protection, and conforms to ASTM guidelines. Calibration is NIST traceable.



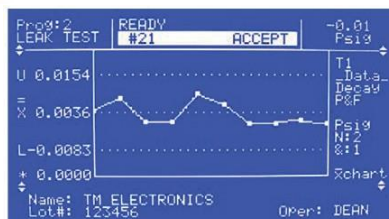
TME Industrial Solution

Safe for wet or dusty areas
Can meet NEMA 4 standards
One to four channels
Concurrent or sequential
Pressure or vacuum decay
Ethernet available
Non-destruction, clean, dry
High resolution 0.0001 psig
CFR Pa., 11 data protection
Meets ASTM guidelines
SPC statistics

Specifications:

Dimensions:	16" x 20" x 8" 40.64 x 50.8 x 20.32 cm
Power:	US: 115V, 50/60Hz @ 1.5 amps EU: 230V, 50/60Hz @ 1.25 amps
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, Touchpad 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 H ₂ O, kPa, mBar, others available
Datalog Memory:	Up to 5,000 tests
Program Memory:	Up to 100 linkable programs
Statistics:	Mean and Range Charts 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.
Model Pressure Ranges:	0.5-5, 0.5-15.0, 1.0-50, 2.0-100, 5.0-250psi
Resolution:	Decay Maximum .0001 psi (0.01 mBar/sec)
Flow Range:	(sccm) Standard 250-5000 Available 10 sccm to 75 lpm
Flow Resolution:	Standard 1 sccm Available 0.01 sccm to 1.5 lpm

Flexibility integrated into your Automated Assembly Machine



Realtime statistical analysis and quality control charts are accessible on demand for the highest level of process control

Optional Accessories:



LA-05 FILTER DRYING ASSEMBLY

Dries and removes water, oil and particulate mater from pressurizing air. TME Industrial Solution requires clean, instrument quality air in order to maintain the warranty on the instrument.

CUSTOM DESIGNED FIXTURES

Available for mechanical and/or electronic interface needs. Contact a TME Applications Specialist to discuss the integration of the TME Industrial Solution into your automated assembly operation.

TM Electronics

An Industrial Physics Product Integrity Brand

CMC METROLOGY

An Industrial Physics Distributor

Phone: (614) 259 4150

Website: www.cmcmetrology.com

Email: info@cmcmetrology.com

