



Worker™

Leak, Leak/Flow or Leak/Occlusion Tester

The TME Worker is a high resolution (0.0001 psig) test instrument that can be configured as a Leak tester, a Leak and Flow tester, or a Leak and Occlusion tester and is available in both pressure and vacuum models.

The two-line vacuum fluorescent display is easy to see and large lit indicators display pass/fail test results. The TME Worker has PLC controls for semi-automatic operation and two-way RS-232 communication capability for downloadable program selection and uploadable data. Ethernet connectivity is optional. The TME Worker is an affordable, dependable tool for your day-in, day-out leak, flow and occlusion testing requirements.

Program and store up to 100 different test parameters and store 5,000 test results in the Data Log. Easily adjust set-up times and set reject limits to detect fine or gross leaks.

Features

Small footprint

Fast tests

Easy to program and use

Pressure or Vacuum decay

Quantitative results

Security keylock

RS-232 connection, standard

Ethernet available

NIST traceable calibration

Vacuum Decay Testing functions similarly to pressure decay tests; however, vacuum tests are limited to less than one atmosphere test pressure and are usually performed where specifications of the test part demand this pressure differential.

Flow Testing uses a precision mass flow sensor to make a direct measurement of air flow through the tested part. A direct flow reading means no separate pressure measurements or special calculations are made in the instrument.

Occlusion Testing is a special type of flow test in which the instrument measures the back pressure of air flowing through the part to determine the extent to which the part is occluded.

Optional Accessories

RS-01 Radial Sealing Fixture

Pneumatically operated clamp that provides either a sealed leak tight access to a tubular product or sealed leak tight dead end to the product during pressure seal decay leak testing. The radial sealing fixture can be configured to diameters from approximately 0.022 to 6.000 inches.



Contact Details

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Technical Specification

Power Supply Voltage	90-240V
Storage and/or Operating Environment	10-30°C (40-100°F) RH < 80%, non-condensing
Controls	Tactile push buttons, Keylock ON/OFF switch
Test Channels	Single Port
Test mode	Pressure or Vacuum
Single Tests	Leak, Flow, Occlusion
Dual Tests (depending on model)	Leak/Flow, Flow/Leak, Leak/Occlusion, Occlusion/Leak
Accuracy specification	For Pressure +/-0.5% of full scale For flow +/- 2.0%
Units of measure	psi/ InH ₂ O / mbar / kPa / InHg Others available
DATALOG Memory	Up to 5,000 tests
PROGRAM Memory	Up to 100 Programs
Automatic Output	Current test results to preset printer
Communications	RS232, connector
Calibration	NIST traceable leak standards
Timer Ranges	0.1 to 1,000 sec
Model Pressure Ranges available	-13.5 - 300 psig
Resolution	Decay Maximum 0.0001 psi (0.01 mbar/sec)
Flow Range (sccm)	<50 - 10,000

Dimensions

Depth	13.7in. (34.79cm)
Width	8in. (20.3cm)
Height	8.7in. (22.09cm)

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