

7i

Multi-Function Leak Tester



FLEXIBILITY AND SIMPLICITY

Zaxis' instruments are built to meet an ever-changing manufacturing environment. The products that Zaxis has conceived in the past 20 years, first as IDS of Salt Lake City, Utah and today as Zaxis Inc, Salt Lake City, are still in use today throughout the world.

SIMPLY POWERFUL

The Zaxis 7i Multi-Function Leak Tester is the newest product from Zaxis, designed to meet today's quality assurance demands. The compact size of the Isaac enables it to be utilized in close proximity to test fixtures. By reducing the test connection volume the test

sensitivity increases and test times can be decreased. Additionally the internal volume of the Isaac is less than 1 cubic centimeter. The small internal volume combined with integrated sensors and a 24-bit analog to digital converter allow Zaxis to offer a leak tester with the highest sensitivity on the market. The 7i has a new improved analog processing that will significantly improve test repeatability. The 7i is available for pressure/vacuum decay, mass flow, burst and pressure cracking applications. The 7i can be configured from one to four channels in a sequential or concurrent configuration depending upon applications.

7i Multi-Function Leak Tester Specification

Dimensions	10" W x 8" H x 9" D
Pressure Range	0-15, 0-100 & 0-500 PSIG Positive Pressure. 0-15 PSI Vacuum. Other ranges available upon request
Media Compatibility	Clean, dry, non-corrosive gasses compatible with Anodized Aluminum and 316 stainless steel.
Power	115-230 VAC 50/60 Hz auto sensing, 60 watts
Display	7" capacitive touch LCD touch screen
Engineering Units	PSI, inches of H ₂ O, kPa, mbar, mmHg, SCCM etc
Test Types	Standard: Pressure Decay, Occlusion Optional: Vacuum Decay, Mass Flow, Crack Pressure, Burst, Chamber, Reseat
Stored Programs	100
Interface	RS232, TCP/IP (Ethernet), USB Data Collection
Available I/O	24Vdc PLC interface, Remote Start, Abort, Pass/Fail
Time	0.1-999.9 seconds
Resolution	Pressure: 0.00001 PSI Mass Flow: Range dependant typically 0.01 SCCM
Storage	-20 to 70°C
Test Port Fitting	1/8 NPT female bulkhead
Controls	Graphical touch screen, 22.5 mm NEMA 13 Lighted push buttons and indicators, foot switch input

iKit HD
Single Channel
Leak Tester



Zaxis PD
Single Channel
Pressure Decay



Isaac HD
Multi-Channel
Leak Tester

