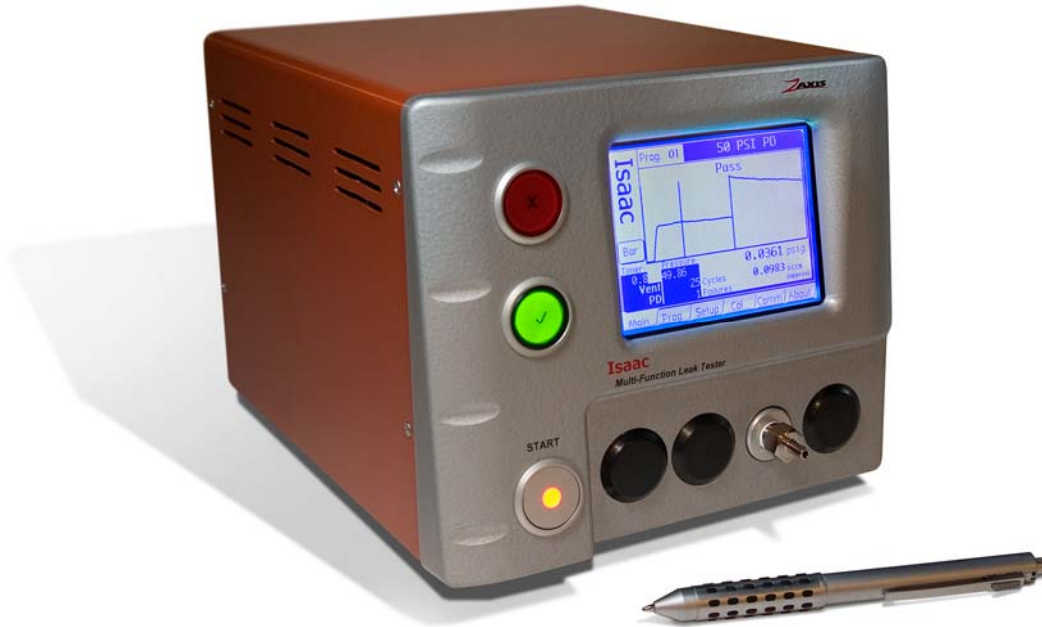


Isaac

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 Isaac multi-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 Isaac is available for pressure/ vacuum decay, mass flow, burst and pressure cracking applications. The Isaac can be configured from one to four channels in a sequential or concurrent configuration depending upon applications

Zaxis Inc.
79 West 4500 South #21 Salt Lake City, Utah, USA 801-264-1000
www.zaxisinc.com

Isaac Specifications

- Dimensions:..... 6W"x7H" x9D"
- Precision..... 0.01%.
- Pressure Range..... 0-15, 0-100 & 0-500 PSIG
Other ranges available upon request
- Media Compatibility..... Clean, dry, non-corrosive gasses compatible with Aluminum and 316 stainless steel.
- Power 115-230 VAC 50/60 Hz auto sensing, 60 watts
- Display 4" backlit graphical LCD Touch screen
- Engineering Units..... PSI, inches of H₂O, kPa, mbar, mmHg, sccm etc
- Test types..... Standard: Pressure decay, occlusion
Optional: Mass Flow, crack pressure, Burst & more
- Stored Programs..... 100
- Interface..... RS232, BCD, TCP/IP (Ethernet)
- Auxiliary Outputs..... 24Vdc PLC interface
- Time..... 0.1-999.9 seconds
- Resolution..... Pressure: .00001 PSI
mass flow: range dependant typically .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 pushbuttons and indicators

