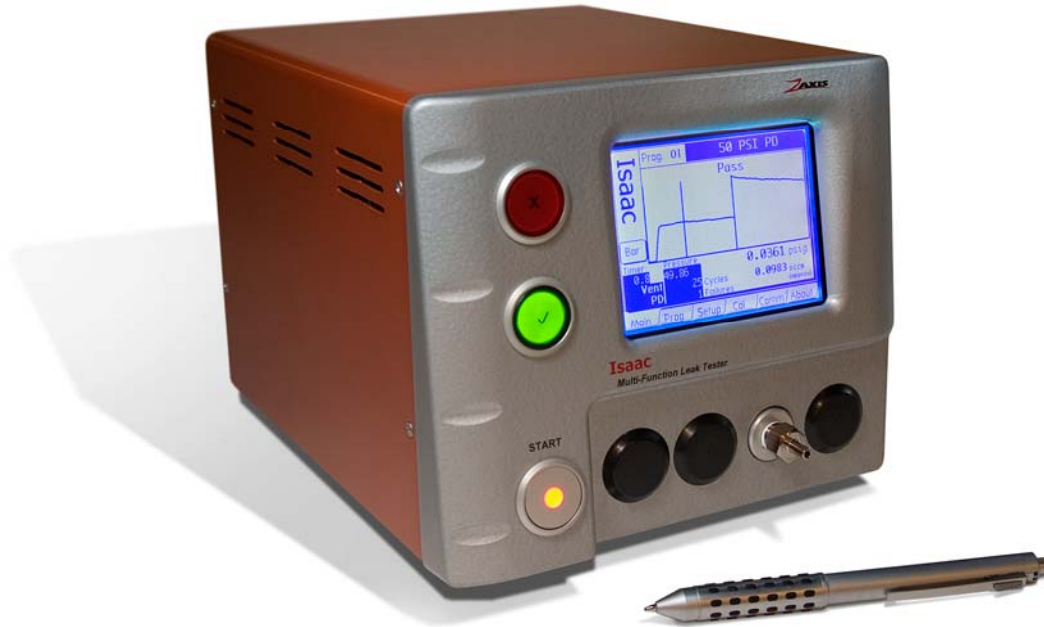


Isaac

Pressure/ Vacuum 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 Pressure and Vacuum Decay Tester is the newest product from Zaxis, designed to meet today's quality assurance demands. The Isaac PV utilizes an internal venturi to create a vacuum so only a positive pressure source is required.

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.



79 West 4500 South #21 Salt Lake City, Utah, USA 801-264-1000

www.zaxisinc.com



Isaac PV Specifications

Dimensions:..... 6W"x7H" x9D"

Precision..... 0.01%.

Pressure Range..... 0-15, 0-100 & 0-500 PSIG
Other ranges available upon request

Vacuum Range..... 0-1 ATM
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 , Vacuum Decay and Vacuum Occlusion.

Stored Programs..... 100

Interface..... RS232, TCP/IP (Ethernet)

Auxiliary Outputs..... Optional 24Vdc PLC interface

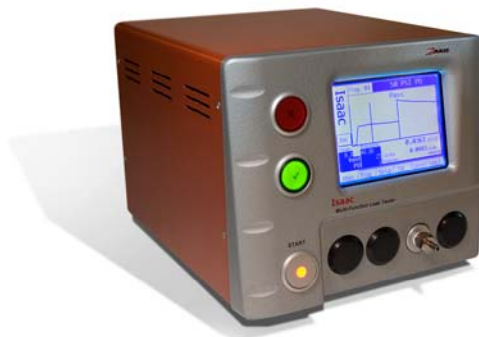
Time..... 0.1-999.9 seconds

Resolution..... Pressure: .00001 PSI

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



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