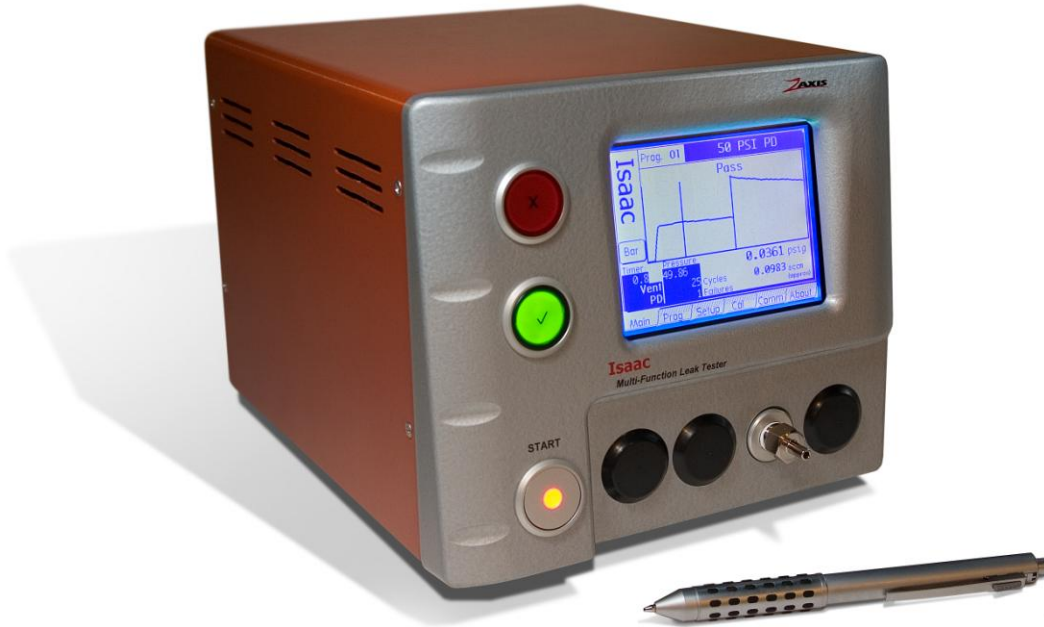


# Isaac

## Pressure and Mass Flow 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 Mass Flow Tester is the newest product from Zaxis, designed to meet today's quality assurance demands. The Isaac PF utilizes an internal Mass Flow transducer to directly measure air flow to the test port. The results of the mass flow test

are reported in Standard Cubic Centimeters per Minute.

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.



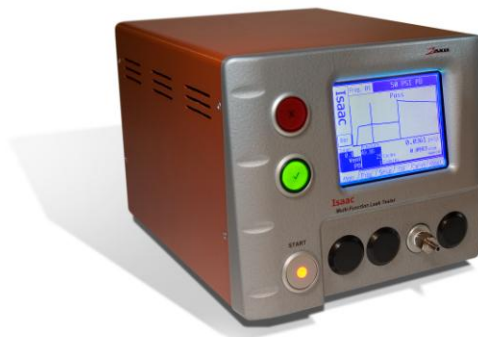
79 West 4500 South #21 Salt Lake City, Utah, USA 801-264-1000

[www.zaxisinc.com](http://www.zaxisinc.com)



## Isaac PF Specifications

- Dimensions:..... 6W"x7H" x9D"
- Precision..... 0.01%.
- Pressure Range..... 0-15, 0-100 & 0-500 PSIG  
Other ranges available upon request
- Mass Flow Range.....0-1000 SCCM, 0-6000 SCCM  
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  
Flow: .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



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