Isaac HD
Multi-Function Leak Tester

The Isaac HD offers unparalleled test stability and repeatability. It features a large full-color display that makes test setup and execution simple and fast. A small internal volume is often overlooked when purchasing a leak tester, but it is one of the most important specifications. A small internal volume minimizes testing variability such as thermal drift. With a wide range of pressures, you can tailor your leak tester to fit your specific application. Multiple test pressures on the same unit are available to minimize your leak testing expenses and maximize your floor space.
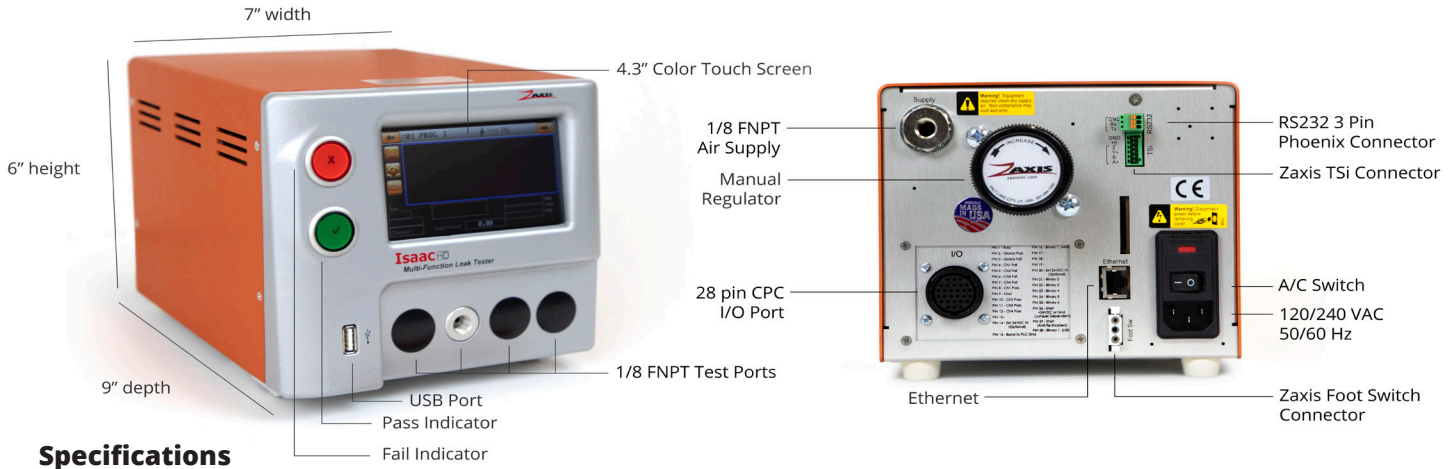

Benefits:

- 4.3" Color Touchscreen
- Small internal test volume, less than 1 cm^3
- Modular design for custom configurations
- Up to 4 test ports and 5 test types in one machine
- High Sensitivity, as a result of the 24 bit Analog to Digital Converter
- Store up to 100 different test programs for easy transition when testing multiple parts
- Multiple communication options to accommodate any automated system
- Wide pressure range allows for large variation in stored test programs
- Intuitive interface makes test setup quick and easy, no need for a lengthy training session

	Test Types*							Ports
	PD	VD	Occ	F	B	C	PR	
Isaac HD	✔	✔	✔	✔	✔	✔	✔	Up to 4

*Test Types: Pressure Decay (*PD*), Vacuum Decay (*VD*), Occlusion (*Occ*), Mass Flow (*F*), Burst (*B*), Crack (*C*), and Chamber (*PR*).

Isaac HD Design

7" width

6" height

9" depth

4.3" Color Touch Screen

1/8 FNPT Air Supply

Manual Regulator

28 pin CPC I/O Port

1/8 FNPT Test Ports

USB Port

Pass Indicator

Fail Indicator

RS232 3 Pin Phoenix Connector

Zaxis TSi Connector

A/C Switch

120/240 VAC 50/60 Hz

Zaxis Foot Switch Connector
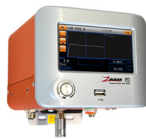
Ethernet

Specifications

Max Pressure	1,000 PSI of Positive Pressure or -14.7 PSI of Vacuum
Power	115/230 VAC, 50/60 Hz auto sensing, 100 Watts
Test Port Fitting	1/8 FNPT female bulkhead
Connectivity	USB, I/O, RS232, Ethernet TCP/IP, EtherNet/IP
Dimensions	7" wide, 6" high, 9" deep
Display	4.3" Color Touchscreen
Regulator	Built in Manual or Electronic
Leak Standard	Optional tool to test your system
Stored Programmes	100 - allows you to run multiple parameters through a single port
Time	0.1-999.9 seconds
Resolution	Pressure: 0.00001 PSI

Other Leak Test Options by Zaxis

Zaxis 7i
Large Display
Leak Tester

Zaxis PD
Pressure Decay
Leak Tester

iKit
Single Channel
Leak Tester

CE MADE IN USA