



Isaac HD

Multi-Function Leak Tester



FLEXIBILITY AND SIMPLICITY

Zaxis' products are built to meet an ever-changing manufacturing environment. The Isaac-HD has been refined over 20+ years to meet the needs of our customers.

COMPACT AND POWERFUL

The Isaac HD Multi-Function Leak Tester ensures quality.

The compact design of the Isaac HD maximizes your workspace. Through extensive research and excellent design, the internal test volume of the Isaac-HD is 0.8 cm³. A small internal test volume increases sensitivity and decreases test time. Combined with integrated sensors and a 24-bit analog to digital converter means Zaxis offers the most sensitive leak tester on the market. Further, the Isaac HD has analog processing, which significantly improves repeatability. The Isaac HD accommodates pressure decay, vacuum decay, mass flow, burst, pressure cracking, single to four channel, sequential, and concurrent configurations*.

ISAAC HD SPECIFICATION/BENEFIT MATRIX

	SPECIFICATION	BENEFIT
Dimensions	6 x 7 x 9 in. (15.24 x 17.78 x 22.86 cm)	A small footprint enables you to maximize your floor space.
Resolution	Pressure: .00001 PSI Mass Flow: .01 SCCM*	High sensitivity ensures your parts are within your manufacturing specification.
Internal Volume	0.8 cm ³	A small internal volume increases sensitivity, decreases test time, and improves test repeatability. This specification is often overlooked, so please pay special consideration to the internal test volume of your leak tester when making a purchasing decision.
Pressure Range	0—15; 0—100; 0—500 PSIG positive pressure 0 – 15 PSI vacuum	With a wide range of available test pressures, you can tailor your leak tester to fit your specific application. Multiple test pressures on the same unit are available.
Display	4" backlit graphical LCD touch screen	A large touch screen ensures the user experience is intuitive and powerful.
Customization	Custom configuration available	We can customize our products to your specific application ensuring our products always remain relevant.
Test Options	Pressure decay, Occlusion, Vacuum decay, Mass flow, Crack pressure, Burst & more	Each Tester can be configured for a multitude of different test types enabling you to minimize your leak testing expenses and maximize your floor space.
Stored Programs	100	Up to 100 stored programs allow you to program and automate your leak testing specifications thereby minimizing user error.
Options	Electronic Regulator, 1 - 4 Test ports, Mist Separator, Sequential, Concurrent, etc...	We recommend purchasing an electronic regulator with your Isaac-HD as you can program a range of test pressures negating the need for manual adjustment during a test cycle.

