



Isaac i-kit

Multi-Function Leak Tester



FLEXIBILITY AND SIMPLICITY

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

AUTOMATE

The Isaac i-kit is built for speed.

Leveraged for automation, the i-kit is designed to increase the throughput of your production process. The i-kit's extremely compact design and optional touch screen interface enable you to stack these side by side for multiple channels or applications. Similar to the Isaac-HD, the i-kit has a impressive internal test volume of 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.

ISAAC I-KIT SPECIFICATION/BENEFIT MATRIX

	SPECIFICATION	BENEFIT
Dimensions	3 x 6 x 6 in. (7.62 x 15.24 x 15.24 cm)	A miniture 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	Optional 4.3" backlit color LCD touch screen	Control one or several i-kits with a single display.
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 i-kit as you can program a range of test pressures negating the need for manual adjustment during a test cycle.

