iKit
Single Channel Leak Tester

The compact size and mounting orientation of the iKit enable 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. Designed to meet today's quality assurance demands 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. The iKit is available for pressure and vacuum decay applications and is configured with one channel. For multiple channel applications multiple iKits can be cascaded for truly synchronous operation.
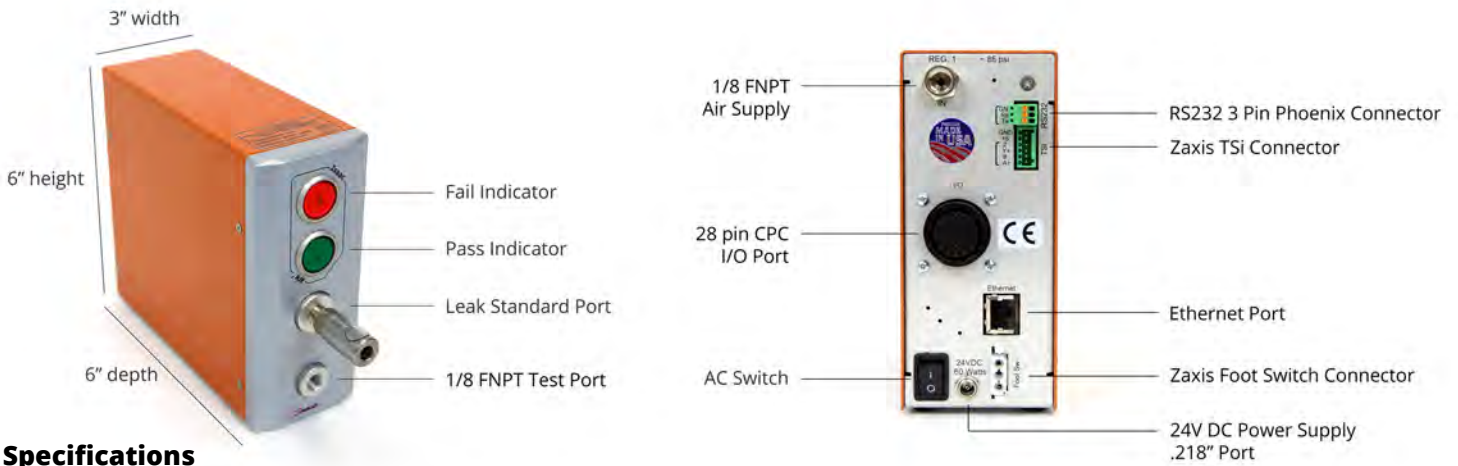

Benefits:

- Compatible with EtherNet/IP
- **Detachable** intuitive user interface that is easy to set up and space saving
- Slim design developed for close connection to the product which increases test sensitivity and decreases the tester's footprint
- Small internal volume (*less than 1 cm^3*) increases sensitivity and decreases cycle time
- 24-bit analog to digital converter allows the tester to have ultra-high pressure sensitivity
- Lower cost fits more testers into your budget which increases test throughput
- Onboard processing shows simple statistics without requiring export to a computer

	Test Types*							Ports
	PD	VD	Occ	F	B	C	PR	
iKit	✔	✔	✔	✔	✘	✘	✔ §	1

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

iKit Design

Front panel labels: Fail Indicator, Pass Indicator, Leak Standard Port, 1/8 FNPT Test Port; dimensions: 3" width, 6" height, 6" depth

Rear panel labels: 1/8 FNPT Air Supply, 28 pin CPC I/O Port, AC Switch, RS232 3 Pin Phoenix Connector, Zaxis TSi Connector, Ethernet Port, Zaxis Foot Switch Connector, 24V DC Power Supply .218" Port

Specifications

Max Pressure	500 PSI of Positive Pressure or -14.7 PSI of Vacuum
Power	24 VDC, 60 Watts
Test Port Fitting	1/8 FNPT female bulkhead
Connectivity	RS232, I/O, Ethernet TCP/IP, EtherNet/IP
Dimensions	3" wide, 6" high, 6" deep
Display	4.3" Detachable Touchscreen for simple set up and removal
Regulator	External Manual or Electronic, allowing you to use air from your own system or add a regulator to the tester as an option
Leak Standard	Optional tool to test your system
Stored Programes	100 - allows you to run multiple parameters through a single port
Time	0.1-999.9 seconds
Resolution	Pressure: 0.0001 PSI

Other Leak Test Options by Zaxis

Zaxis 7i
Large Display
Leak Tester

Zaxis PD
Pressure Decay
Leak Tester

Isaac HD
Multi-Function
Leak Tester

MADE IN USA