



# 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:

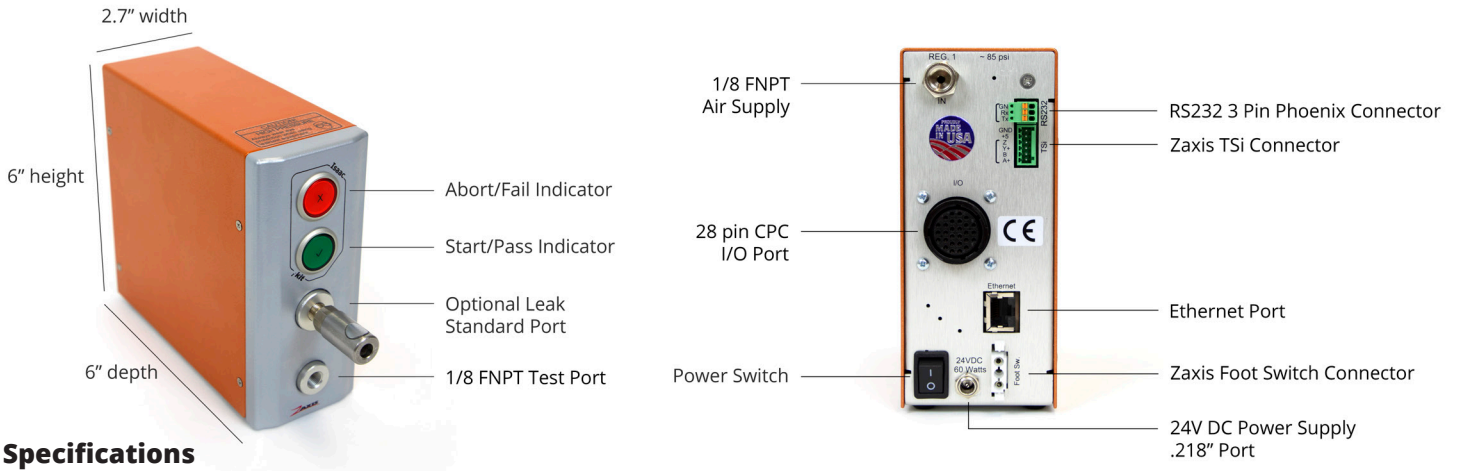
- Compatible with EtherNet/IP
- **Detachable** intuitive user interface that is easy to set up and space saving
- Slim design developed for close connection to the product which increases test sensitivity and decreases the tester's footprint
- Small internal volume (*less than 1 cm<sup>3</sup>*) increases 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 | ✓           | ✓  | ✓   | ✓ | ✗ | ✗ | ✓ <sup>§</sup> | 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



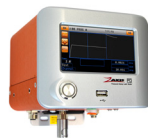
## Specifications

|                   |                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------|
| 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        | 2.7" 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



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