



Enter a new dimension of flexibility for pressure, flow, and vacuum leak

The **NEW SENTINEL IX5** is the product of 40+ years of leak test expertise in our fifth generation of instrumentation. The thoughtful engineering of its new packaging and user interface design brings new dimensions in leak test accuracy, flexibility, and value.

All-new user experience

- Full color 7" touchscreen
- Simple, re-engineered user interface
- Many new features available

Industry-first visual Test Sequence Creator

- Tap, build, and visualize all steps in test sequences
- Preview and sequence the test before running it

Designed for quick setup

- New auto-setup
- Simple test configuration
- Modular design with features for easy mounting into a station

Every common air leak test method

- Choose from 9 different test methods
- Combine multiple methods in one instrument

Better, faster leak test

- Improved resolution and accuracy for shorter cycle times
- Automatically adjust for environmental changes in temperature and pressure
- User-friendly tuning interface for advanced pressure control

Unmatched value

- Use one instrument for many different test types
- Skip the PLC with advanced tooling control
- New design reduces maintenance downtime



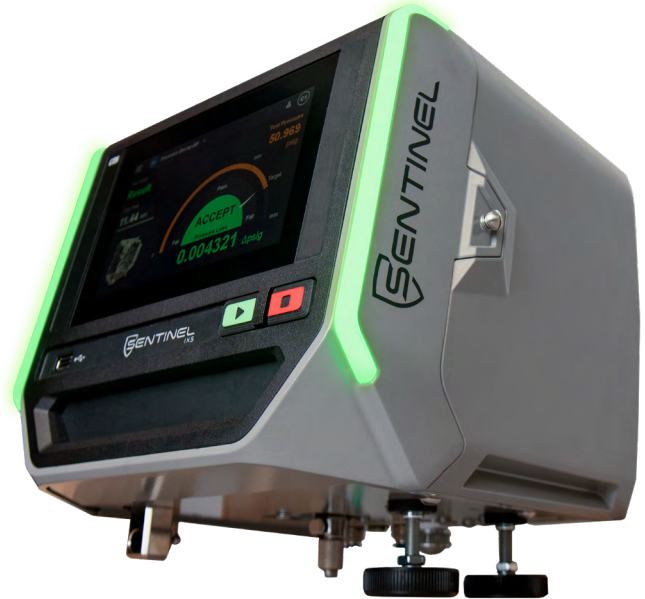
THERE'S MORE!

See the Sentinel IX5 datasheet for the full list of features and specifications.

The new interface design makes it simpler to get things done

We've taken the concept of user-friendly to a whole new level! The fully re-engineered user interface was developed based on intensive research with our users.

- **Leak test at your fingertips:** Simplified, accessible menus allow you to quickly get to the screens you need.
- **Customizable screen views:** Personalize the interface to display the most relevant data for your needs, customizable by user profile.
- **Real-time data access:** View test data and statistics in a new graphical format.
- **Optimized operator views:** Get enhanced visibility of the test status through the vibrant lighting and clear test screens.



Test Sequence Creator

The Test Sequence Creator feature, unique to the new Sentinel platform, makes it even easier to build, edit, and preview your leak test programs, all in one place!

The visual creator lets you tap and build test sequences quickly. You can create and combine multiple sequences as needed. You can build simple tests or access even complex functions, from timers to tooling controls. Run the sequence in preview mode to ensure it's working before you start to use it!



Ready for your leak test requirements

The Sentinel IX5 covers all common leak test methods. Combine multiple test methods in one instrument, such as mass flow with differential pressure decay or mass flow with absolute pressure decay to get more out of your instrument.

- Pressure and Vacuum Decay Leak
- Differential Pressure and Vacuum Decay Leak
- Occlusion (Blockage)
- Mass Flow
- Volume Verification
- Part Pressure Verification
- Proof
- Burst
- Check Valve Cracking Pressure

Optional components to expand the capabilities of your leak test

Advance your leak test with new plug-and-play capabilities.

- Scale your I/O configuration from 12 inputs and 12 outputs to up to 36.
- Multi-Test Port Diverters to conduct flexible test sequencing with a single instrument.
- Enhanced Fill Kits to adapt standard instruments for large volume parts, reducing fill time.
- External Exhaust Kits allow easy integration while protecting your instrument from manufacturing debris.



Connect a barcode scanner via USB
Plug-and-play functionality



Easy to integrate into a station
Optional direct replacement mounting if you need to transition your existing system



Remote management with CTSnet
Manage up to 10 instruments

The Sentinel IX5 can be used for a broad range of applications



Automotive



Consumer electronics



Medical



Military and defense



Appliances and consumer goods



Energy



HVAC/R



eMobility



Other transportation

Built for the future of leak testing. Backed by Legacy.

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