



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

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 test accuracy, flexibility and value.

All-new user experience

- High-resolution 7" color graphic touchscreen
- Re-mastered user interface
- Many new features available

Visual Test Sequence Creator

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

Designed for quick implementation

- Simplified test configuration and programming
- Modular design with features for easy mounting into a station

Every common air leak test method

- Choose from a multitude of 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

Unmatched value

- Use one instrument for many different test types
- Skip the PLC with advanced tooling control
- Valve design enhancements minimize maintenance intervals and associated downtime



THERE'S MORE!

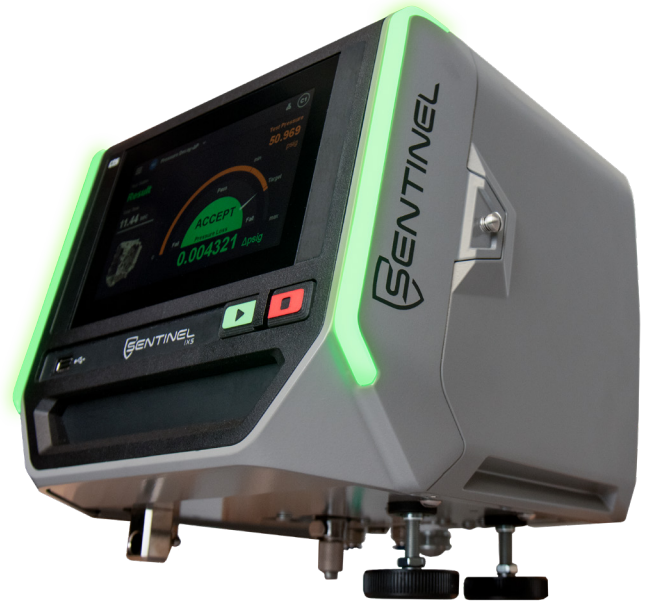
See the **Sentinel IX5** datasheet for the full list of features and specifications.

HYSTRONG INDUSTRIAL CO., Ltd.
Vietnam Distributor
www.hystrong.vn
service@sumore.vn - (+84)919995040

The new user interface enhances and simplifies process visibility

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

- **What you need, when you need it:** Simplified menu structure speeds access to program selection, program calibration and production counts
- **Customizable screen views:** Personalize the interface to display the most relevant data for your needs, including the ability to upload an image of the part model tested
- **Real time access:** View test process, statistics and result indication in a highly intuitive and graphical format



Test Sequence Creator

The Test Sequence Creator feature, unique to the new Sentinel platform, makes it even easier to build, edit and preview your 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 conditional linking to holds/pauses with user prompts to advanced 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 pressure decay or pressure and vacuum decay with volume testing for sealed parts 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

Optional accessories to expand your test capabilities

Advance your leak test with new plug-and-play functionality

- Scale your I/O configuration from 12 inputs and 12 outputs to up to 36 each
- Multi-Test Port Diverters to conduct testing of multiple zones within one test part or allow multiple unique parts to be tested sequentially
- 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 possible contaminants from within the parts under test



Connect a barcode scanner via USB
Scan unique IDs or lot/batch codes



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



Remote management with CTSnet
Manage up to 10 instruments simultaneously yet have access to all instruments available on a network

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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