



Your Global Leak
and Function Test
Solution Experts

Sentinel LPC 528[®]

LEAK AND FLOW TEST BENCHTOP INSTRUMENT



Sentinel LPC 528[®] is a basic, easy to use benchtop pressure decay and mass flow testing instrument in a compact and cost-effective package

The Sentinel LPC 528 is a highly versatile, single-channel benchtop instrument supplying accurate and repeatable measurement in a proven, standard platform. It is designed to meet many basic test requirements using multiple test types with pressure, vacuum, or flow testing options. The LPC 528 can execute single or up to two linked tests in a user-programmed sequence or be easily integrated with a PLC. Combined with its ability to control up to 2 independent tooling motions, a single instrument can control the operations of many simple test fixtures for a cost-effective approach to benchtop testing.

Test Types

The Sentinel LPC 528 offers the most popular test types available in the Sentinel family. In addition, two test types can be linked together (for example, leak and blockage) in a sequence.

- Pressure and vacuum decay leak
- Differential pressure and vacuum decay leak
- Occlusion (blockage)
- Mass flow
- Volume verification
- Pressure verification

For detailed specifications, see the Sentinel LPC 528 datasheet.

Benchtop leak and flow testing from CTS

For industrial and medical device testing applications, we offer a range of benchtop instruments with different capabilities. Meet your testing needs with CTS!



LPC 528



Blackbelt



Blackbelt Pro

Accuracy, repeatability, and dependability — everything you need in a leak test instrument

The LPC 528's easy-to-use functionality, and compact size, makes it a popular choice for many basic benchtop leak testing applications.

Designed to deliver accurate, reliable, repeatable measurement

- New mass flow capability with measurement accuracy of 0.5% full scale.
- +40M cycle rated valves essentially negate need for mandatory maintenance in many testing environments.
- Digital pressure correction compensates for inherent test pressure fluctuations and significantly improves measurement repeatability and reproducibility.
- Several popular test types are available and the ability to have more than one type in a single instrument allows maximum value extraction from each instrument.

Multiple ways to export test data for process intelligence

- Telnet communication is included to transmit test data to a PC on your network.
- Use RS232 Serial communication to connect test data to a local PC or PLC.
- Export test results to a USB for easy collection directly from the instrument front panel.
- For applications where you need to both command the instrument from a PC or PLC and collect test result data, the LPC 528 includes both EtherNet/IP and PROFINET, as well as Telnet and Serial communications.

Easy to set up

- Patented auto-setup feature reduces process development effort.
- Remote test and instrument management from your computer with CTSnet LT software, included at no additional cost.
- The ability to control 2 simple tooling motions can eliminate the need for a PLC and simplifies the full test set up.
- 24/7/365 no-charge phone support, regardless of whether the instrument remains under warranty.

The LPC 528 can control simple test system tooling functions, reducing complexity and overall cost of a test system. Learn more about the many features of the LPC 528 on the product datasheet or contact us to talk to one of our leak test experts about your specific test requirements.

Get ISO-Certified Leak Standards from CTS

Whether it's a new air flow leak standard or recalibration of your existing leak masters, CTS has you covered. Our calibrated leak orifice units are manufactured in-house in our A2LA-accredited and ISO 17025-certified lab to match your flow and pressure requirements.





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BETTER TOGETHER

CTS and innomatec are subsidiaries of the TASI Group, within TASI's Product Integrity Division. We are unified by the fact that we are "Better Together". Together, we deliver the broadest leak test portfolio in the industry. Together, we serve our customers through a global network of offices and partners. Together, we will harness the power of the Industrial Internet of Things and bring all of its potential to industrial companies worldwide.

INDUSTRIES WE SPECIALIZE IN



AUTOMOTIVE



POWERTRAIN



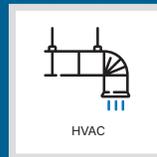
CONSUMER GOODS



MEDICAL



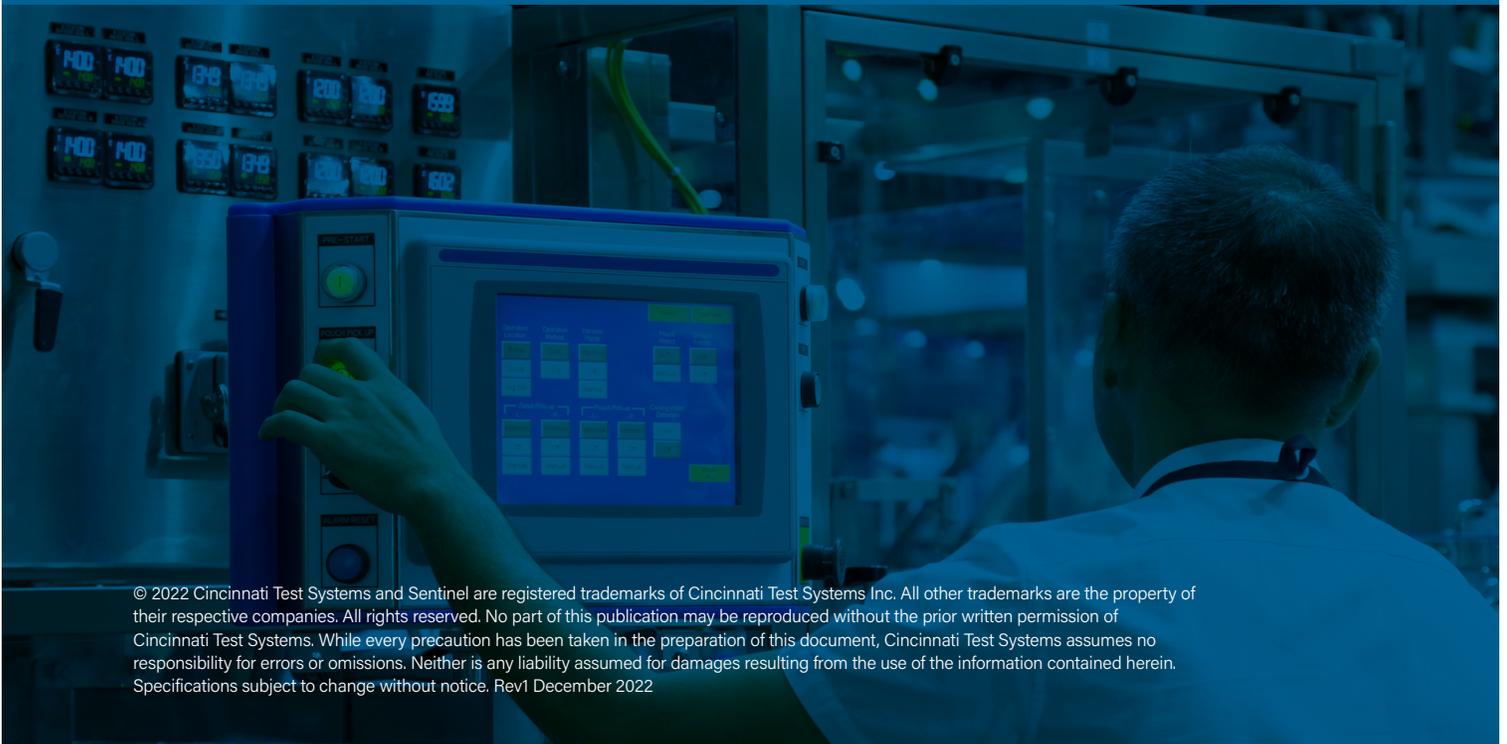
ENERGY



HVAC



OTHER TRANSPORTATION



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CINCINNATI TEST SYSTEMS

Corporate Headquarters
10100 Progress Way,
Harrison, OH 45030
513.367.6699
www.cincinnati-test.com

INNOMATEC

Am Wörtzgarten 14
D-65510 Idstein / Taunus
Germany
+49 (0) 06126 / 95 98 66 - 800
www.innomatec.com