Sentinel C28®
LEAK TEST INSTRUMENT

cincinnati-test.com
Sentinel C28 Leak Test Instrument

The Sentinel C28 is a versatile and highly advanced multi-function leak test instrument that provides high-resolution pressure decay, vacuum decay and occlusion leak testing with speed and repeatability in a compact wall mount design.

Standard C28 Pressure Decay Test Types

- Pressure or vacuum decay - leak std
- Pressure or vacuum decay - ΔP
- Pressure or vacuum decay - ΔP/ ΔT
- Occlusion - pressure or vacuum

Superior Performance

- Leak rate measurement resolution: - PD 0.0005 scc/min
- Pressure ranges: -14.5 to 200 psig
- Powerful 32-bit processor
- 24 bit A/D converter
- Optimized pneumatic manifold
- Environmental drift correction
- Absolute pressure transducer

Global Friendly

- Language neutral operator interface
- Multi-language - software selectable
  - English, Spanish, Portuguese, Chinese, and Korean
- Smart voltage selection
- International power cable included

Low Maintenance

- Reduced wear – long life valves and manifolds
- Self-Test function
- Modular design for easy maintenance
- 40 million cycle valve manifolds

QualityWorX CTS DataHub

Analyze Your Sentinel C28 Leak Test Data in Real-time

- Turnkey solution that collects and analyzes test data from Sentinel instruments
- Easy setup, begin analyzing your test result data in minutes of startup
- Create visual real-time process signatures with your data
- Includes a host PC and installed Sciemetric Studio analytics software
Sentinel C28 Features

Test Range Options
- Pressure: -14.5 to 200 psig

Data / Communications
- Data storage to 30,000 events
- 32 test program storage
- 6 inputs / 3 outputs with 1 programmable tooling motion
- Digital input feedback verifies motion
- Auto calibration
- RS232 and Ethernet communication ports
- EtherNet/IP™ communication
- QualityWorX CTS DataHub communication
- Email of reports, test data, and alerts
- Test result data transmission with definable fields

Product Enhancements
- Patented Auto Setup
- Quik Test reduces cycle time
- High contrast color display
- Low volume and high flow manifold designs
- Multi-point calibration on electronic regulators

C28 Capabilities in a Benchtop Design
Ask about our new benchtop LPC 528 leak test instrument:
- New differential pressure
- High-resolution: 0.00005 scc/min

Our Family of Test Instruments and Products

Visit our website: cincinnati-test.com
LEAK TEST SOLUTIONS AND SOFTWARE FOR IN-PROCESS DATA ANALYSIS

CTS, CTS-Schreiner and Sciemetric are subsidiaries of the TASI Group. In November 2017, the three companies came together 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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