



Sentinel C28®

LEAK TEST INSTRUMENT



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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 - $\Delta P / \Delta T$
- Occlusion - pressure or vacuum

Instrument Highlights

Superior Performance

- High resolution: 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 Sciometric 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 communications
- 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



Sentinel C28 leak test instrument



Custom CTS 4-station C28 turnkey test system

EtherNet/IP™
ODVA

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



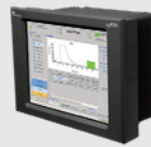
Our Family of Test Instruments and Products



BlackBelt Pro



3520



sigPOD Controller



BlackBelt



I28



LPC 528



C20



TracerMate CS



CTS Connect®
Connectors and Seals



CTS Leak Standards and
Calibration Services

Visit our website: cincinnati-test.com



LEAK TEST SOLUTIONS AND SOFTWARE FOR IN-PROCESS DATA ANALYSIS

CTS, CTS-Schreiner and Sciometric 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



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Printed in U.S.A. Rev. 2