Sentinel C20®

LEAK TEST INSTRUMENT

Sentinel C20 Leak Test Instrument

The compact wall mount Sentinel C20 World Edition instrument is the industry's most cost effective pressure decay leak test instrument. Designed with the same 32 bit processor and 24 bit A/D technology as all Sentinel instruments, the C20 is known for accuracy, speed, and repeatability.

Standard C20 Pressure Decay Test Types

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

Instrument Highlights

### Superior Performance

- Leak rate measurement resolution:
  - PD   0.0005 scc/min
- Pressure ranges: -14.5 to 100 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, Chinese, and Korean
- Smart voltage selection
- International power cable included

Low Maintenance

- Reduced wear – long life valves and manifolds
- Self-Test function
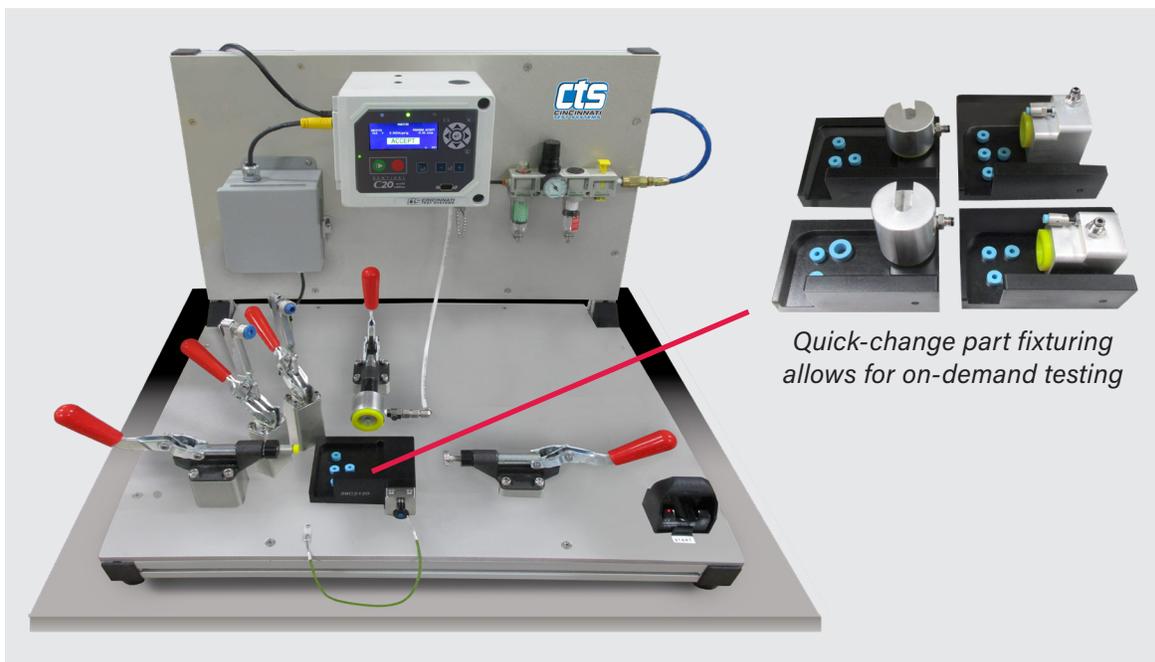
Quick-change part fixturing allows for on-demand testing

Custom benchtop leak test system utilizing the C20 pressure decay instrument with interchangeable fixtures to test a variety of parts

Sentinel C20 Features

Test Range Options
- Pressure: -14.5 to 100 psig

Data / Communications
- Data storage to 5,000 events
- 4 part program storage
- 6 inputs / 3 outputs with 1 programmable seal motion
- Auto calibration
- RS232 communication
- Test result data transmission

Product Enhancements
- Patented Auto Setup
- Quik Test reduces cycle time
- High contrast color display

Sentinel C20 leak test instrument

C20 integrated into an automated test cell

Our Family of Test Instruments and Products

Blackbelt Pro

3520

sigPOD Controller
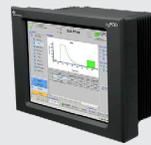
Blackbelt

I28

LPC 528

C28

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 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
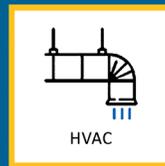
Cincinnati Test Systems Inc.
10100 Progress Way
Harrison, OH 45030
513.367.6699
www.cincinnati-test.com

Cincinnati Test Systems-Schreiner GmbH
Rudolf-Diesel Strasse 17-19
85521 Ottobrunn, Germany
+49 (0) 89 608093-0
www.schreiner-testing.com

Sciemetric Instruments Inc.
359 Terry Fox Drive, Suite 100
Ottawa, Ontario K2K 2E7
1.877.931.9200
www.sciemetric.com