

SCAL-100

CALIBRATION STATION

For use with Black **PI00** Models Only.



SCAL-100 quickly and easily
Bump Tests and Calibrates **SENSIT® P100** Monitors

MADE IN USA

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Innovative Detection Solutions

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SCAL-100

Automatically calibrates SENSIT® P100 Single Gas Monitors, stores data and manages instrument compliance.

SCAL-100 Calibration Station is the automatic bump and calibration station for **SENSIT® P100 Personal Gas Monitors** equipped with two way communication. **SCAL-100** is also used to upload data from the **P100** event log.

Two versions are available:

SCAL-100-D Calibration Station

The Desktop version communicates with a computer via USB when using the included **SCAL-D** Data Management Software application.

SCAL-100-N Calibration Station

The Network version can communicate through the Ethernet connection when using **SCAL-N** Data Management Software application. **SCAL-N** is sold separately with a multi-year license.

SCAL-100 Calibration Station is

- Easy to Use
- Easy to Maintain
- Made in USA



Design to Test/Calibrate SENSIT® P100 Monitors

- Oxygen - O₂
- Carbon Monoxide - CO
- Hydrogen Sulfide - H₂S
- Hydrogen Cyanide - HCN
- Nitrogen Dioxide - NO₂
- Sulfure Dioxide - SO₂

Standard Features:

- Indicates proper gas pressure
- Automatic operation when instrument is installed
- Indication of pass or fail
- RJ45 intranet connection
- Wall or desk mount
- Compatible with Windows 7 and Windows XP Network

Reporting Features:

- Instrument Test Past Due
- Instrument Failure Alerts
- Monthly Compliance Report
- Sensor Performance Data
- Optional Networking System
- Compatible with:
 - SCal-D™ (Desktop)
 - SCal-N™ (Network)Data Management Software

POWER INDICATOR

GAS SUPPLY STATUS

COM INDICATOR

TEST INDICATORS

PASS INDICATOR

FAIL INDICATOR



LAN CONNECTION
POWER CONNECTION

OPTICAL COM

GAS OUTLET

MOUNTING PLATE

GAS INLET

RETAINING CLIP

PRODUCT SPECIFICATIONS

Size:	6" x 6" x 1.75" (15.24cm x 15.24cm x 4.5cm)
Weight:	2 lb. (0.9 kg)
Operational Temp:	40 – 120 F (5 to 50° C)
Max. Inlet Pressure:	20 PSI
Power:	100-240VAC 50/60Hz 0.2A input with 2VDC 0.5A output

SOFTWARE REQUIREMENTS

30MB Hard Drive Space
Windows® XP or Later Operating System
Microsoft® Outlook
Microsoft Excel



Data Management Software

SCAL-D is the Desktop version of the software. This single-user software application comes standard with Calibration Stations.

Various reports and alerts can be viewed, printed, emailed or stored as an Excel spreadsheet. When configured, it will automatically alert operators and supervisors of important data depending on their preference.

SCAL-N is the Network version of the software. SCAL-N is sold separately with a multi-year license. Use **SCAL-N** to download data from remotely located Calibration Station(s). Data is stored in SQL Server.

SCAL-100 Calibration Station for SENSIT® P100 Monitors

SCAL-100 D (Desktop) Calibration Station
Part # 924-00000-01

Includes: SCAL-D (Desktop) Data Management Software for Windows XP & Win 7,
Installation Guide, Cables, 2 Year Technical Support

SCAL-100 N (Network) Calibration Station - Network
Part # 924-00000-02

Includes: SCAL-N (Network) Data Management Software 1 Network Admin Disc,
1 Network User Disc for Windows XP & Win 7, Installation Guide, Network
Adapter, 2 Year Technical Support

SCAL-100 Gas Cylinders

58 liter 100ppm CO/Air
Part # 315-120004

58 liter 25ppm H2S/Air
Part # 315-120001

34 liter 10ppm HCN/Nitrogen
Part # 315-100006

34 liter 10ppm Nitrogen Dioxide/bal N2
Part # 315-100005

34 liter 10ppm Sulfur Dioxide/bal Air
Part # 315-100002



MADE IN USA

SENSIT Technologies
is in compliance with ISO 9001:2008

