

SMART-CAL 360

C A L I B R A T I O N S T A T I O N



SMART-CAL 360 takes calibrating SENSIT® instruments to the next level.

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS



Innovative Detection Solutions

1.800.544.2843



www.calcert.com

sales@calcert.com

SMART-CAL 360

SMART-CAL 360 takes calibrating SENSIT® instruments to the next level.

In addition to logging calibration data, time, date, sensor and pump performance, SMART-CAL 360 pushes firmware updates to selected SENSIT instruments without the need to return the instrument to the factory. SMART-CAL 360 tracks sensor life, and gives an early warning when it's time to replace calibration bottles.

Improved data management software provides automatic data transfer for compliance reports and notifications of overdue or failed calibrations. Logs can be viewed on the large touchscreen display or reports via emailed spreadsheet or pdf. SMART-CAL 360 communicates over LAN and Wi-Fi, so that the station can be positioned where it is most convenient and accessible, and it works with any SMART-CAL compatible instrument.

Designed for use with:

- | | | |
|----------------------------|-------------------|-----------------|
| • SENSIT® CO | • SENSIT® GOLD G2 | • SENSIT® IRED |
| • SENSIT® GOLD | • SENSIT® HCN | • SENSIT® PMD |
| • SENSIT® GOLD 100 | • SENSIT® HXG-3 | • TRAK-IT® IIIa |
| • SENSIT® GOLD CGI | • SENSIT® HXG-3P | |
| • SENSIT® GOLD EX/CO+ 1200 | | |



Standard Features:

- 7" Touchscreen
- IR/NFC/Bluetooth Communications
- Automatic Upload of Records
- Calibration/Bump Memory Storage
- SD Card:
 - Database Backup
 - Configuration Backup
 - Station Firmware Updates
- Gas Bottle Supply Monitoring
- Configurable Valves
- Wireless Firmware Updates Pushed To Devices
- Wi-Fi/LAN Equipped (Network Stations)
- USB (Desktop Stations)
- Filtered/Replaceable Gas Port Connections
- LED Status Indicator (Busy, Ready, Pass, Fail, Check Gas Supply)
- Automatic Date Adjustment

Available Test Gases*

- PPM (Methane)
- LEL (Methane)
- LEL (Propane)
- % Volume (Methane)
- Carbon Monoxide - CO
- Hydrogen Cyanide - HCN
- Hydrogen Sulfide - H₂S
- Nitrogen - N₂
- Ethane - C₂H₆

*Contact Sensit Technologies for more information.

Data Management Software (Sold Separately)

SCAL-D 360™ (Desktop)
SCAL-N 360™ (Network)

Reporting Features:

- Instrument Test Past Due
- Instrument Failure Alerts
- Monthly Compliance Report
- Custom Reports
- Service Reports
- Calibration Gas Expiration Reports

Text alerts:

- Test Due Alerts

SCAL-D/N 360 Data Management Software
Compatible with SMART-CAL 360, SMART-CAL,
SCAL-100, SCAL-400



LED STATUS INDICATOR

SMART-CAL 360

03 Nov 2016 11:53:55 Serial: 1000 REV: 1.1.3

SENSIT Technologies

CALIBRATION

BUMP

CALIBRATION GAS STATUS

1 COMBIO CHAI CO
2 Lime Gas 100 NVOL
3 Hydrogen Sulphide 20 PPM
4 Methane 1000 PPM
5 Propane 1.1 NVOL
6 AIR
7 AIR
8 Ethane 100 PPM

VIEW LOGS

MENU

7 INCH TOUCH SCREEN



WI-FI ANTENNA

GAS PORT CONNECTIONS

INSTRUMENT HOSE

USB PORT
SCAL-D 360
DOWNLOAD PORT

15 VDC INPUT

USB PORT
FOR FUTURE EXPANSION

ETHERNET CONNECTION
SCAL-N 360 COMMUNICATION PORT

SD CARD SLOT
FOR DATABASE / CONFIGURATION BACKUP / FIRMWARE UPDATES



IR WINDOW (LEFT SIDE)

PRODUCT SPECIFICATIONS

Size:	L= 10.6" x W= 5.4" x H= 6.1" (27cm x 13.7cm x 15.5cm)
Weight:	4.1lbs (1.86kg)
Operational Temp:	32°F to 122°F (0°C to 50°C)
Max. Inlet Pressure:	30psi (2 bar)
Power:	Transformer Input 110 to 240 VAC/Output 15VDC

SOFTWARE REQUIREMENTS

1 GB Hard Drive Space
Windows® Operating System: 7, 8, 8.1, 10
Windows® Server: 2008, 2008 R2, 2012, 2012 R2, 2016, 2019
Microsoft® Outlook
Direct Email

DATA MANAGEMENT SOFTWARE (SOLD SEPARATELY)

SCAL-D 360 is the Desktop version of the software. 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 360 is the Network version of the software. Use SCAL-N 360 to download data from remotely located Calibration Station(s). Data is stored in the SQL Server.

SMART-CAL 360™ Calibration Stations (Desktop)

SMART-CAL 360 Auto Calibration Station
Part # 936-00000-01

SMART-CAL 360 Auto Calibration Station (desktop w/pump)
Part # 936-00000-03

SMART-CAL 360™ Calibration Stations (Network)

SMART-CAL 360 Auto Calibration Station
Part # 936-00000-02

SMART-CAL 360 Auto Calibration Station (network w/pump)
Part # 936-00000-04

DATA MANAGEMENT SOFTWARE

For Windows 7, 8, 8.1, 10
For Windows Server 2008, 2008 R2, 2012, 2012 R2, 2016, 2019

SCAL-D 360 (Desktop) Part # 500-SC360-01
Includes Installation Guide, Cables, 2 Year Technical Support

SCAL-N 360 (Network Admin) Part # 500-SC360N-03
Includes 1 Network Admin Software, 1 Installation Guide, 2 Year Technical Support

SCAL-N 360 (Network User) Part # 500-SC360N-05
Includes 1 Network User Software, 1 Installation Guide, 2 Year Technical Support

Auto Bump and Calibration Gas Kits for Instruments:

SENSIT® GOLD & Trak-It® III Series
SMART-CAL 360 Standard Gas Kit 221
221 liter combo gas (2.5% CH₄ / 100ppm CO)
Part # 881-00109

For Instruments with TC Sensor:
SMART-CAL 360 116 Liter 100% Methane Gas Kit
100% Methane (CH₄)
Part # 881-00098

For Instruments with H₂S Sensor:
SMART-CAL 360 Gas Kit H₂S only (58L)
Part # 881-00047

SENSIT® PMD
SMART-CAL 360 Gas Kit for PMD
Part # 881-00074

Replacement Cylinders

Combo Gas 221 liter (2.5% CH₄ / 100ppm CO)
Part # 315-180028

1.1% Propane 221 liter
Part # 315-180004

100ppm CO / Air 221 liter
Part # 315-180005

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

100% Methane 116 liter (100% CH₄)
Part # 315-220005

0.1% Methane / Air 103 liter
Part # 315-140006

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

100ppm Ethane / Nitrogen 58 liter
Part # 315-120010

1000ppm CH₄ / 10ppm Ethane 58 liter
Part # 315-120005

Contact SENSIT to discuss calibration kits for line gas.



MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS

SENSIT Technologies
is an ISO 9001:2015 certified company.



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