Gilian®

Gilibrator® 3
with STABILFLOW™

Quick-Start Guide

(This Manual Covers All Gilibrator® 3 Kit Models)

Sensidyne Document No. 360-0216-01 - Rev C

SENSIDYNE®
Industrial Health & Safety Instrumentation

Gas-Detection
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How to Use this Guide

This Quick-Start Guide introduces basic operation and use of the Gilibrator® 3 primary dry cell calibrator. Operation Manual (PN 360-0213-01) includes complete operation instructions, options, and notes. Always adhere to warnings, instructions, and procedures included in the Operation Manual. The Operation Manual can be found on the included SD card.

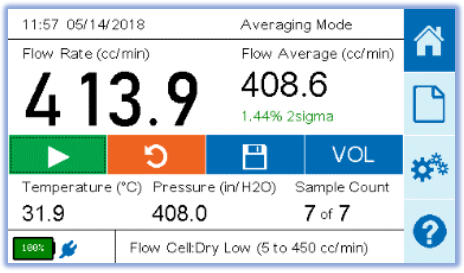
Cautions:

Intrinsic Safety: The Gilibrator® 3 calibrator is not intrinsically safe, and should only be utilized in safe atmospheric conditions. Please refer to the Operation Manual for special conditions.

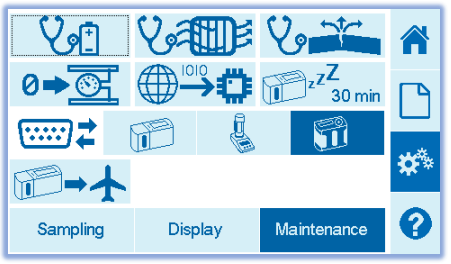
Charger: Use only the included charger to charge the Gilibrator® 3 within the specified temperature range.

Screen and Touch Selections Overview

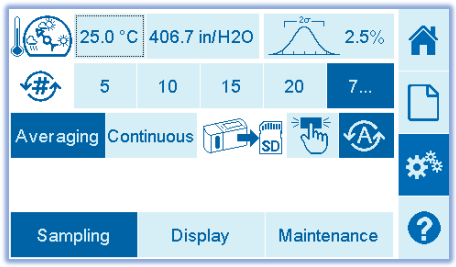
The Gilibrator® 3 has a color touch screen that allows the user to select and configure the calibrator to the user's desired settings. References to pump displays and menu screens use the names and label styles below:



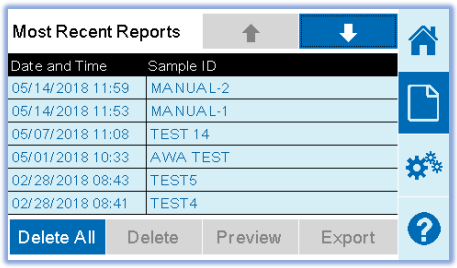
Home Screen



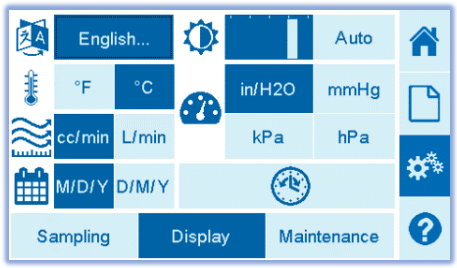
Settings Maintenance Screen



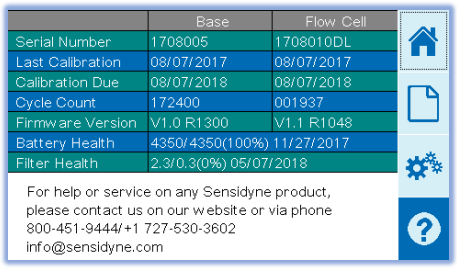
Settings Sampling Screen



Report Screen



Settings Display Screen



Information Screen

Operation Guide

Power Calibrator On and Off
Calibrator should be fully charged before use.

Power Calibrator On and Off

Toggle the On/Off switch to the On position. The system will boot up and automatically go to the home screen. Toggle the On/Off switch to the Off position, a pop up window will appear and 3 seconds later the unit will turn off.

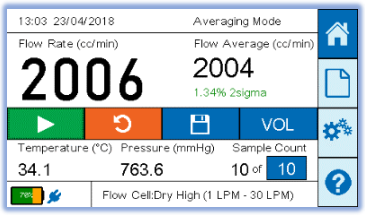
Configure Unit

1. From the **Home Screen**, select **Settings Icon** on the menu bar.
2. Press the **Sampling** tab on the bottom of the screen. Select either **Averaging or Continuous mode.**
3. Select the **Display** tab on the bottom of the screen. Then select the desired reporting units **cc/min** or **L/min.** Select the desired date format and press the **Set Clock** button to adjust the time and date to your local setting. Select the desired **Pressure Unit.** Select the desired **Language.** Select the desired **Temperature Unit.**
4. Press the **Home Icon** on the menu bar.

Set Up Calibrator

1. Attach the desired Dry Cell (Low, Standard, High).
2. Attach sampling train hose (Media and Pump) to the **Suction fitting** located on the lower right side of the calibrator.

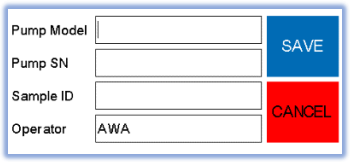
3. Activate the pump in the calibration mode and follow the calibrations steps. The initial readings will begin to appear on the **Home Screen**.
   Note: Do not have flow source running when unit is powered on. The base must acclimate to the ambient temperature prior to starting the airflow.



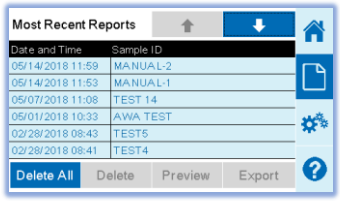
4. Select the **Play Button** and begin to average your sample count. The Flow Average will appear on the top right side of the **Home Screen**.

Reports

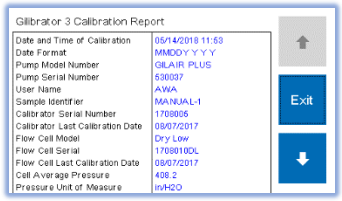
1. From the **Home Screen**, select **Save Icon** on the menu bar.
2. Select a recently used pump, or skip to set up a new pump in the system.
3. Complete the **Sample Identification** input information.



4. Press the **Pump Model** box and a **Keyboard Screen** will appear. Enter in your pump model and select **Next** on the top right of the screen. Enter in the pump serial number and select **Next** on the top right of the screen. Enter in the sample ID number and select **Next** on the top right of the screen. Enter in the operator name and select **Done** on the top right of the screen. Select **Save**.
5. From the **Home Screen**, select **Report Icon** on the menu bar.



6. Select the desired report line. The report line will become highlighted in dark blue. Select **Preview** to view the report.



7. Press the **Up and Down** buttons to scroll through the report. Press the **Exit** button to return to the **Report Screen**. Press **Export** to save to the SD card.

Icon Glossary

	Arrow Down (Scroll Down)		Export to SD Card		Leak Test		Settings Screen
	Arrow Up (Scroll Up)		Filter Health Check		Manual Save to SD Card		Sleep Timer
	Automatic Save to SD Card		Firmware Update		Play Button (Start Sample)		Ship Gilibrator (Drain Power)
	Battery Health Check		Flow Rate Units		Pressure Units		Statistical Analysis
	Battery Life		Gilibrator 2 Communication		Report Screen		Stop Button
	Brightness Display Setting		Gilibrator 3 Communication		Reset Average		STP References
	Date Format		Home Screen		Sample Count		Temperature Units
	Communication Method		Information Screen		Save Record		Time and Date Setup
	Dry Calibrator Communication		Language Selection		Set Custom Sample Count		Zero Pressure Check

Maintenance

Battery: The Gilibrator® 3 employs a rechargeable lithium iron phosphate ($LiFePO_4$) battery. Fully charging and properly maintaining the battery ensures maximum run times and battery life. The battery pack has a charge time of less than 4 hours.

Specifications

Low Flow Dry Cell: 5cc/min - 450cc/min
Standard Flow Dry Cell: 50 cc/min - 5000 cc/min
High Flow Dry Cell: 1,000 cc/min - 30,000 cc/min
Operating Temperature range: 10°C - 40°C
Operating Time: 3 hours at max flow rates per cell range, Up to 8 hours with low brightness and average flow ranges.

Approvals

The Gilibrator® 3 is EN 61010-1, CE, RoHS and EMC compliant. The Gilibrator® 3 contains an internal battery which has been approved for shipping and transport per UN/DOT 38.3 and IEC 62133-2 (2nd Edition).

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