

## TURN ON

**A**

Turn SDM-04 Cal Station On

**B**

Turn 04 Series Monitor On

**C**

Communication Established

**Turning on the Power**

1. Hold down the **POWER** button on the product for at least one second to turn on the power.
2. Push the locking lever on the gas monitor cover in the direction of the arrow to open the cover.

**Mounting the Gas Monitor**

1. Mount gas monitor with the LCD display facing up. Make sure that it engages with the retaining tab and is powered off.
2. Turn on the power for the gas monitor
2. Close the cover until it clicks in place. Communication starts when a gas monitor is mounted on the product and then turned on.

**Gas Monitor Connected**

Once communication is established, the gas name and calibration gas concentration set on the gas monitor are displayed on the LCD.

NOTE: When communication is established, the gas monitor clock is automatically synchronized

## BUMP TEST

**A**

Bump Test

**B**

Bump Gas Reading

**C**

Bump Results

**D**

Removing Gas Monitor

Ensure calibration gas cylinder is connected to a demand flow regulator and then to the left side of the cal station.

1. Press the **BUMP** button to start the bump test.

During the bump test, the "BUMP" LED blinks orange, AIR FLUSH will display on the LCD followed by BUMP GAS1. An AIR PURGE is performed at the end of the bump test before the results are displayed.

Once bump test is complete, the LCD screen will alternate between the gas concentration and pass/fail status (shown as P or F on screen). The "BUMP" LED light on the SDM-04 will be green when a bump test passed. "BUMP" LED light is red if there is a failure. The 04 Series gas monitor will shut off automatically after bump test.

1. Release the tab on the red door.
2. Remove the 04 Series gas monitor

## CALIBRATION

**A**

Gas Adjustment

**B**

Gas Adjustment Readings

**C**

Gas Adjustment Results

**D**

Removing Gas Monitor

**Note:** Ensure calibration gas cylinder is connected to a demand flow regulator and then to the left side of the cal station

1. Press the **CAL** button to start gas adjustment for all gases. The current concentration is displayed while gas adjustment is in progress.

During the gas adjustment, the "CAL." LED blinks orange, AIR FLUSH will display on the LCD followed by CAL GAS1. An AIR PURGE is performed at the end of the cal adjustment before the results are displayed.

Once gas adjustment is complete, the LCD screen will alternate between the gas concentration and pass/fail status (shown as P or F on screen). The "CAL." LED The CAL LED lights up green for a successful calibration. The "CAL." LED lights up red for a failed calibration. The 04 Series gas monitor will shut off automatically after gas adjustment.

1. Release the tab on the red door.
2. Remove the 04 Series gas monitor

## DATA TRANSFER

Turn on SDM-04

Insert USB Drive

Hold down COPY button until LED lights up red

**Transfer Data To USB Flash Drive**

1. Hold down the **POWER** button on the product for at least one second to turn on the power.
2. Insert the USB flash drive (sold separately) into the USB port on the front of the product.
3. Hold down the **COPY** button on the product until the COPY LED lights up red.

The bump test, gas adjustment, and alarm check data stored in the product is copied to the USB flash drive. Once copying is complete, the COPY LED returns to its previous state.



## 04 Series Calibration Station User Guide



Model SDM-04