



Turning on the Power

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

ALIBRATION

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
- Communication starts when a gas monitor is mounted on the product and then turned on.

Gas Monitor Connected

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BUMP

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 synchro-

Bump Test

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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.

Bump Gas Reading

CHARGE

BUMP

CAL

EDIT

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

Bump Results

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EDIT COPY POWER ON SECTION

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.

Removing Gas Monitor

1. Release the tab on the red door.

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2. Remove the 04 Series gas monitor

2. Close the cover until it clicks in place.

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Gas Adjustment

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

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

Gas Adjustment Readings

CHARGE
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BLWP CALL EDIT COPY PAYER
BLWP CALL EDIT COPY

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

Gas Adjustment Results

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 adjust-

Removing Gas Monitor

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

ANSFER TR ATA Hold down COPY button until LED Turn on SDM-04 Insert USB Drive

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