



1. Calibration gas cylinder
2. Demand-flow regulator
3. Micro-SD card
4. Instrument cradles
5. Unit LEDs
6. STATUS LED
7. CAL button (*Calibrates the instrument*)
8. BUMP button (*Briefly applies gas to test instrument sensor function*)

## SET UP AND INSTALLATION

1. Connect the case to a PC by USB cable, and use mPower Suite software to configure the gas concentration and other parameters. Be sure to set the sensor type to match the type being calibrated.
2. Connect a calibration gas cylinder to the Demand-flow.

## CALIBRATION

1. Place the instrument face-down into the cradle.
2. If the Status LED is off, press Cal until the Status LED turns green.
3. Push Cal to initiate calibration. The Unit LEDs should blink green for about 100 s during calibration.
4. If the Cal is successful, Unit LEDs will be green, otherwise red.
5. Cal report will be saved on micro SD card.
6. To break the Calibration, hold the Cal button until the unit LEDs turns off.
7. To power off, hold the Cal button until the status LED turns off.

## BUMP

1. Place the instrument face-down into the cradle.
2. If the Status LED is off, press Cal until the Status LED turns green.
3. Push Bump to initiate a Bump Test. The Unit LEDs should blink green for about 30 s during the Bump.
4. If the bump is successful, Unit LEDs will be green, otherwise red.
5. Bump report will be saved on micro SD card.
6. To break the Bump, hold the Cal button until the unit LEDs turns off.
7. To power off, hold the Cal button until the status LED turns off.

## LEDs

LED	Color	Description
Unit LEDs	Green blinking	Cal / Bump testing
	Orange	Match fail
	Green	Cal/bump test pass
	Red	Cal/bump test fail
	None	Cal/bump test break
Status LEDs	Green	Power on
	Green blinking	Low battery
	Orange	Charging
	Red blinking	1) No micro SD or pump detected 2) Pump block 3) Micro SD memory is full
	None	Power off

### Caution

Maintenance should be performed only by a qualified person who has proper training.