



1. MICRO USB
2. USB PORT
3. STATUS LED
4. POLI LED
5. CAL BUTTON
6. BUMP BUTTON
7. MONITOR CRADLE
8. AIR INLET
9. CAL GAS INLET 1
10. CAL GAS INLET 2

## 1. SETUP 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 **Cal gas inlet [9]** using a demand-flow regulator or fixed-flow regulator of 0.3 to 0.6 LPM. Insert bare 6-mm o.d. tubing directly into the inlet quick connect. If need another gas cylinder to cal/bump, connect gas cylinder to the **Cal gas inlet [10]**

## 2. CALIBRATION

1. Invert the instrument onto the cradle and press to the bottom, then connect the Micro usb[1]
2. If the **STATUS LED [3]** is off, press **Cal [5]** until the led turns green.
3. Push **Cal [5]** to initiate calibration. **The POLI LED [4]** should blink green.
4. If Calibration is successful, POLI LED will be green, otherwise red.
5. Calibration report will be stored in on-board memory.
6. To power off, hold the **Cal [5]** until the STATUS LED turns off.

## 3. BUMP

1. Invert the instrument onto the cradle and press to the bottom, then connect the **Micro usb[1]**
2. If the **STATUS LED [3]** is off, press **Cal [5]** until the led turns green.
3. Push Bump [6] to initiate a bump Test. The **POLI LED [4]** should blink green.
4. If Bump is successful, POLI LED will be green, otherwise red.
5. Bump report will be stored in on-board memory.
6. To power off, hold the **Cal [5]** until the STATUS LED turns off.

## 4. DATALOG DOWNLOAD

1. Connect the case to a PC by USB cable, then click **Download Log** in WatchGas Suite. Right click on the datalog page to export to Excel.

## 5. LEDS

LED	Color	Description
<b>Status LED [3]</b>	Green	Power On
	Green Blinking	Low battery
	Orange	Charging to MP400T
<b>POLI LED [4]</b>	Green Blinking	Cal/Bump testing
	Green	Cal/Bump test pass
	Orange	POLI/Sensor match fail
	Red	Cal/Bump test fail