

4-Bay Docking Station For UNI MP100



1. Micro SD Card
2. Cal Gas Cylinder
3. Regulator (DFR)
4. Monitor Cradles
5. Unit LEDs
6. Status LED
7. CAL Button
8. BUMP Button
9. Air Inlet
10. Cal Gas Outlet
11. USB Port
12. Charging Port

SETUP AND INSTALLATION

1. To turn on, press CAL [7] until the Status LED [6] turns green.
2. If needed, charge the CaliCase using the 12V/2A power adapter.
3. 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 and the cylinder expiration date past the current date.
4. Thread the gas cylinder into the demand-flow regulator (DFR) [3] C10 inlet fitting and verify that the gauge shows pressure. Ensure that clean air is available to the air inlet for zeroing. If needed, push 4-mm o.d. tubing for clean air inlet and/or exhaust gas outlet directly into the beige quick connects [9 & 10]. (To disconnect, push the quick connect in towards the box and pull the tubing out.)
5. Insert the Micro SD Card (CaliCase will not operate without this).
6. To abort a Bump or Cal, press CAL [7] until the action stops.
7. To power off, press CAL [7] until the Status LED [6] turns off.

CALIBRATION *(Full Zero and Span Calibration, up to 4 UNIs)*

1. Turn on 1-4 UNI's and place them face-down into their cradle(s).
2. Press CAL [7] to initiate calibration. The Unit LED(s) [5] blink green during calibration and then stay GREEN if passed and RED if failed.
3. A Cal report will be saved on the Micro SD Card.
4. A sensor ID mismatch is indicated if action stops after several blinks.

BUMP *(Briefly applies gas to test sensor function)*

1. Turn on 1-4 UNI's and place them face-down into their cradle(s).
2. Press BUMP [8] to initiate a Bump Test. The Unit LED(s) [5] blink green during Bump and then stay GREEN if passed and RED if failed.
3. A Bump report will be saved on the Micro SD Card.

CAL/BUMP REPORT DOWNLOAD



1. Insert the Micro SD Card into the thumb drive and insert that into a PC USB port, then manually transfer the .txt files to the PC.

LED SUMMARY

LED	Color	Description
Unit LEDs [5]	Green blinking	Cal/bump testing
	Green	Cal/bump test pass
	Orange	Sensor type mismatch
	Red	Cal/bump test fail
Status LED [6]	Green	Power On
	Green blinking	Low battery
	Orange	Charging
	Red blinking	Pump failure Micro SD card not detected or full