



PERCENT OXYGEN CALIBRATION PROCEDURE

Calibration interval should be carried out once a month or quarterly and can be performed by a non-certified technician. To calibrate the O₂% sensor, use a certified sample of span gas. A complete calibration kit is available from NYAD. The kit includes a bottle of certified span gas containing O₂% in air, a pressure regulator and gauge, connecting hose and fitting, all supplied in a convenient storage case.

- A) To begin the process, attach the span gas to the inlet fitting and start the flow of span gas at a rate of about 100 to 250 cc/min.
- B) Next, press the MODE button until CAL is displayed. The CAL led light will illuminate indicating the monitor is in CAL mode. Note: If O₂% gas is not detected, the unit will display "No O₂".
- C) The display will now show the current O₂% value. After the value equilibrates, enter the concentration of your span gas by pressing the UP/DOWN switch. The displayed value should be the value of the span gas concentration.
- D) Press the MODE button, 'DISP' will display and in 5 seconds the unit will return to the current O₂% value.
- E) Turn off and disconnect the span gas. After an equilibration period the holidays and of 5-10 minutes, the monitor read out will return to zero.

The monitor is now calibrated and ready to be placed into service.