

## P-100 CO Detector

### OPERATION and USE

Press the ON button to start the instrument in an area known to be gas free and with normal oxygen content. The following will display as a normal start up sequence:

1. Activate all segments and icons
2. Gas type to be sensed
3. Software version
4. Temperature in °C
5. Alarms will sound, illuminate and vibrate
6. "LO" Low alarm value displays
7. "HI" High alarm value displays
8. "tA" TWA alarm value displays (when applicable)
9. "StL" STEL alarm value displays (when applicable)
10. "Sn" Serial Number displays
11. Displays remaining life, in months
12. All segments will flash for 6 seconds indicating zeroing
13. Working display is shown

If the instrument is in an area that is not gas free, "BAD" will illuminate after the automatic zeroing followed by a reading based on factory zero set points.

Attach the instrument to the outermost garment as close to your head/face as practical. Follow federal, state, local and company regulations as it relates to the use of this product.

Alarms will indicate unsafe levels. The display will show concentration data in combination with audible, visual and vibration indications. TWA alarms can be acknowledged for 10 minute intervals by pressing any button.

A manual zeroing should only be done in an atmosphere known to be gas free and containing normal oxygen levels. Press the ZERO button for 2-3 seconds and release. All segments of the display will flash followed by the working display.

Exposure to gas in excess of sensors range specifications will result in "OL" being displayed with the high alarm activated.

To view the remaining operational time in continuous mode, press the zero button for 2-3 seconds and release. It will display the time remaining prior to performing autozero.

BAT indicates low battery output and service will be needed soon.

Only factory trained personnel should perform any internal servicing.

BAT + LO indicates instrument should be immediately taken out of service for battery replacement. Only factory trained personnel should perform any internal servicing.

MO indicates months/days remaining of operation time before battery and sensor servicing are required. Only factory trained personnel should perform any internal servicing.

I2C indicates a communication error in the EEPROM. Service is required. Only factory trained personnel should perform any internal servicing.

To turn off, hold the POWER button down for 6 seconds until "OFF" is displayed and release the button.