

“Save
Your
Breath
With



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INITIAL START-UP FOR MST'S RESPIRATORY PROTECTOR® AND BREATHING AIR PANEL SERIES

MONITORS

1) MST - Depending on MST Model supplied, either install batteries and or optional power source and turn monitor on for (5) minutes warm-up. check Audible/Visual alarms now by pushing toggle switch up to “TEST” position (refer to Monitor Manual). This does not pertain to the MST 5800 Monitor. If Monitor is powered by batteries approximate life before replacement required (continuous use):

MST Model 5700/5701	30-35 Hours
MST Model 5800	4 Hours

After warm-up period/testing, check Monitors *calibration.

2) NEOTRONIC - Plug in monitor power cord to 110 VAC power source (or optional 12 VDC) for (5) minute warm-up. Check Audible/Visual alarms now: OTOX 2002, rotate “zero potentiometer” (cw) until display reading is equal to alarm level setting (US=10 ppm, CAN=5 ppm). The OTOX 2002 “zero potentiometer” will have to be reset to ‘00’ using “zero air” calib. gas, (refer to Monitor Manual). After warm-up period/testing. Check Monitor’s *calibration.

*Monitor should be calibrated prior to use and every two weeks thereafter for the first month. If monitor is used on a non-continuous basis, calibrate prior to use.

3) CALIBRATION GAS REQUIRED - “Zero” gas (or nitrogen, free of “CO”); “Span” gas (50 to 150 PPM of “CO” concentration in air). Flow to monitor 1.0 SCFH (472 cc/minute). NOTE: For Model 5800 Monitor use 10 PPM “CO” Span Gas, only.

4) TEMPERATURE EXTREMES - Avoid extreme temperature changes. Monitors best perform at temperature range: 320 - 1000 F (00 to 400 C).

PURIFICATION SYSTEM

Remove any large volumes of oil/water from supplied air line** prior to connecting the system. Purge air through the system for (5) minutes on initial start-up.

**NOTE: Depending on supplied air quality, an external coarse oil/water extractor, (2 microns abs.) may be required if excessive oil/water conditions are present. Installation should be prior to the system and should extend the life of the system’s filters. The system’s prefilter will handle oil/water down to .75 microns abs. at 99.97% efficiency. NOTE: Do Not Install any MST’s Respiratory Protector Models after conditioning equipment that produces supplied air with less than 10% R.H.. This does not pertain to MST’s ‘BA’ Models.