

3M™ Multi-Gas Detector 740 Series with Data Logging Software – Setup, Use and Limitations

The 740 Multi-Gas Detector is designed to monitor the ambient environment and notify the user if any of the up to four target gas sensors reach the alarm set point for that specific sensor when used in the detector.

The 740 Detector should be used for simultaneously monitoring from one to four of the following gases:

Oxygen (O)	Hydrogen sulfide (H ₂ S)
Combustible Gases (EX)	Carbon monoxide (CO)

Turning the Unit ON

To turn the unit on, hold down the “POWER/SELECT” button for 3 seconds and watch the LCD display countdown. Release the button at the conclusion of the 3 second countdown. The unit will then perform a self test. During the self test, the alarm will sound and the red alarm LEDs will be activated. During Warm up, the unit will display the following indications:

Serial number	TWA Settings
Sensor Pack Status	TWA & STEL Display ON or OFF
Days since last sensor test	Latched Alarm ON or OFF
User	Calibration Gas Concentration
Time & Date	Sensor test interval
EX Calibration Setting	Backlight Length
Low alarm setting	Confidence Beep ON or OFF
High alarm setting	Data logging
STEL alarm settings	Change Password.

Note: If during the self test the instrument identifies a problem, the “Err” message will display. **Do not use the detector until the reason for the error message has been determined and corrected.** See the user instructions for more information.

The detector is ready for use after the WARM UP period has concluded. The sensor readings will be displayed along with the date and time indicating the detector is ready for use.

To turn off the detector hold down the “POWER/SELECT” button for 3 seconds and watch the LCD display countdown. Release the button when the countdown is complete.