Multi Rae Cheat Sheet

MultiRae Screen Layout		
TOX 1	**VOC**	**TOX 2**
Carbon Monoxide CO	Volatile Organic Compounds	Hydrogen Sulfide (H2S)
Lower Explosive Limit		Oxygen
LEL		OXY

Alarm Limits of the Drager MultiRae				
Material	**Low Alarm**	**High Alarm**	**STEL ***	**TWA ****
Carbon Monoxide	35 PPM	200 PPM	100 PPM	35 PPM
Oxygen	19.5%	23.5%		
Hydrogen Sulfide	10 PPM	20 PPM	15 PPM	10 PPM
Lower Explosive Limit (LEL)	10%	20%		
Volatile Organic Compounds (VOCs)	50 PPM	100 PPM	25 PPM	10 PPM

* STEL = Short term exposure Limit (The amount that should not be exceeded in a 15 Minute Period up to fpur times a day

** TWA = Time Weighted Average (The allowable exposure for an 8 hour work day

Turning the Meter ON and OFF

Press and hold the MODE Button

ON
MODE

The Machine will cycle through the following screens:

SCREEN ICON		Significance to Monitiring Crew
Multigas Monitor Ver 3.21B-W		Software version of the MultiRae
5 Gas Pump SN 507505		Serial Number
Year and Date		Clock - If "Incorrect Year Check Clock" appears, contact a meter tech at Station 14
Last Calibration Oct 04, '07 09:39		Last Calibration of the sensors
CO warranty Expires in 08/08		The warranty for each sensor is displayed. Even if the warranty is expired, the sensors are still useable is the calibration is within date.
200 100 20 20 HIGH 23.5		The High Alarm Limits, the Low Alarm Limits, the STEL, and the TWA for each sensor is displayed
Last Calibration Oct 04, '07 09:39		The Last Calibration screen is repeated
User Mode = Text		NO SIGNIFICANCE
Alarm Mode = Auto reset		The alarm will automatically reset once it is activated and the levels drop below the low levels, STEL, or TWA
Unit Ready in … 6 seconds		Countdown to operation
Fresh Air Calibration?		Move to a clean atmosphere and press the Y/+ Button. The meter will zero each sensor and begin to monitor.
0 0.0 0 0 20.9		Monitor Screen. Please refer to the MultiRae screen layout at the top of this document.