

MultiRAE Plus



Date Revised: 06 AUG 04

VENDOR DESCRIPTION

The MultiRAE Plus combines a PID (Photoionization Detector) with the standard four gases of a confined space monitor (O₂, LEL, and two toxic gas sensors) in one compact monitor with sampling pump. Like the Leatherman™ tool, the MultiRAE Plus gets the job done in more circumstances than any other gas detector. With more than 10,000 units in the field today, its versatility makes it the gas meter of choice for some of the highest profile HazMat/WMD teams in the United States. The MultiRAE Plus is quickly and easily changed from a sophisticated technician instrument to a simple text-only monitor. The same monitor can be used as a personal monitor, a hand-held sniffer, or a continuous operational area monitor.

The MultiRAE Plus detector can be made wireless with the use of RAElink. This allows real-time monitoring information from the detector to be integrated into an existing AreaRAE system. A wireless, RF (radio frequency) modem allows detectors equipped with Firmware version 1.20 or higher to communicate and transmit readings and other information on a real-time basis with a remotely located AreaRAE base controller up to two miles away.



Product Manager Robotic & Unmanned Sensors
 Telephone: (732) 427-5827 / DSN 987
 Fax: (732) 427-5072 / DSN 987
 e-mail: SFAE-IEWS-NV-RUS@iew.s.monmouth.army.mil



Business Category: Large Business

Misc

Hardware	
Weight: 0.45 kg or 1.0 lbs	Operating Altitude: N/A
Dimensions: 118mm x 76mm x 48mm	Operating Speed: N/A
Internal Volume: 0.0004 m ³ or 0.015ft ³	Operating Temp.: -20°C to 45°C

Performance					
Chemical	Range	Resolution	Chemical	Range	Resolution
Combustible	0 - 100% LEL	1% LEL	Nitric Oxide	0-250 ppm	1 ppm
VOCs	0 - 200 ppm	0.1 ppm	Nitrogen Dioxide	0-20 ppm	0.1 ppm
	200-2000 ppm	1 ppm	Chlorine	0-10 ppm	0.1 ppm
Oxygen	0-30%	0.1%	Hydrogen Cyanide	0-100 ppm	1 ppm
Carbon Monoxide	0-500 ppm	1 ppm	Ammonia	0-50 ppm	1 ppm
Hydrogen Sulfide	0-100 ppm	1 ppm	Phosphine	0-5 ppm	0.1 ppm
Sulfur Dioxide	0-20 ppm	0.1 ppm			

For more information please visit www.raesystems.com