

**X4 Portable Multi-gas Instrument Specifications**



Approval certificates:	SANS/IEC 60079 Part 0: 2012, Part 11: 2012, Part 29-1, SANS 1515-1: 2014, FCC
Number of Gases:	Up to 5 Gases Simultaneously
Detectable gas:	CH4/CL2/CO/CO2/H2/H2S/HCL/HCN/Hydrocarbons/NH3/NO/NO2/O2/SO2/VOC
Measuring range:	% LEL, % Vol, ppm - Sensor dependant
RF Range:	Up to 50m - Radio link can communicate with Vehicle   Machine   Cap-lamp
Accuracy:	+/-0.1% or +/-6ppm - Sensor dependant
Electric current:	190mA with back light, 260mA with back light and radio - Sensor dependant
Battery:	3.7VDC, 2800mAh - Li-Po
Operating temperature range:	-10 to +40°C
Operating humidity range:	Maximum 95% non-condensing
Display :	Graphic colour display - Icon based menu, animated video, real time gas graph
Alarm broadcast:	Alarm broadcast to cap lamps in same vicinity as instrument
Audio alarm:	Greater than 85db
Visual Alarm:	Colour coded, omni-directional
Vibrating alarm:	Optional
Response time:	T90 in less than 15 seconds for flammable and less than 35 seconds for toxic
Battery life:	Up to 24 hours - Sensor dependant
Size:	126mm x78mm x43mm
<b>Advantages:</b>	
Latest sensor technology:	Infrared + electrochemical + catalytic combustion + PID
Optical & wireless communication:	IrDA, Ultra Wide Band
Robust & practical application configurations:	4GB SD card, remote outstation logging and data output, real-time down loading of exception events to control room
Most competitive cost of ownership:	Latest technology, dust and water proof, ultra wide band (UWB) data radio that can be used for multiple wireless applications, warranty - 12 months (T&Cs)