

## PRODUCT SPECIFICATION DATA SHEET

# UNIPHOS 361M

## KWIKALERT BROMINE GAS MONITOR



### GAS RELATED SPECIFICATIONS

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Gas Detected        | Bromine                                                                              |
| Concentration Range | 0 – 20 PPM                                                                           |
| Resolution          | 0.1 PPM                                                                              |
| Detection Principle | Electrochemical Sensor                                                               |
| Accuracy            | Inherently +/- 2% (but also depends on the accuracy of the calibration gas & method) |
| Sampling            | Diffusion Mode                                                                       |

### DISPLAY & INDICATOR SPECIFICATIONS

|                  |                                                      |
|------------------|------------------------------------------------------|
| Display          | Backlit 8x2 Alphanumeric OLED Display<br>Status LEDs |
| Function Keys    | 4-keys for basic operation/setting & calibration     |
| Electronic Alarm | 85db Audio Alarm, Visual LEDs                        |

### ELECTRONICS AND ELECTRICAL SPECIFICATIONS

|              |                                                                                                                                      |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Electronics  | Micro-Controller based instrument                                                                                                    |
| Connectivity | Mini USB for PC connectivity                                                                                                         |
| Data Logging | Data logging facility for up to 3000 samples<br>User settable data logging interval<br>Records gas readings along with time stamping |
| Power Source | 7.4 V Li-ion rechargeable battery pack                                                                                               |

### PHYSICAL SPECIFICATIONS

|                             |                                                              |
|-----------------------------|--------------------------------------------------------------|
| Operating Temperature Range | 0 to 40 Degree Celsius                                       |
| Operating Pressure          | Ambient +/- 10%                                              |
| Enclosure                   | ABS Plastic                                                  |
| Weight                      | 300 grams                                                    |
| Dimensions                  | H x W x D: 135 x 70 x 35 mm                                  |
| Standard Accessories        | Battery Charger, USB cable, Dust filter, and Calibration Cap |