

**PRODUCT SPECIFICATION DATA SHEET**

**UNIPHOS 399M**  
**KWIKALERT VOC GAS MONITOR**



**GAS RELATED SPECIFICATIONS**

|                            |  |
|----------------------------|--|
| <b>Gas Detected</b>        | VOC (Calibrated on Isobutylene)  |
| <b>Concentration Range</b> | 0 – 1000 PPM   |
| <b>Resolution</b>          | 1 PPM  |
| <b>Detection Principle</b> | PID Sensor   |
| <b>Accuracy</b>            | Inherently +/- 2% (but also depends on the accuracy of the calibration gas & method) |
| <b>Sampling</b>            | Diffusion Mode   |

**DISPLAY & INDICATOR SPECIFICATIONS**

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

**ELECTRONICS AND ELECTRICAL SPECIFICATIONS**

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

**PHYSICAL SPECIFICATIONS**

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