

PRODUCT SPECIFICATION DATA SHEET

UNIPHOS 381(M)
KWIKALERT NITROGEN DIOXIDE MONITOR



GAS RELATED SPECIFICATIONS

Gas Detected	Nitrogen Dioxide
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 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 User settable data logging interval 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