

PRODUCT SPECIFICATION DATA SHEET

**UNIPHOS PRO
CO2 GAS MONITOR**



GAS RELATED SPECIFICATIONS

Gas Detected	Carbon Dioxide (CO ₂)	
Concentration Range	0 – 100% v/v.	0 – 5% v/v.
Resolution	1% v/v.	0.01% v/v.
Detection Principle	NDIR Sensor	
Accuracy	Inherently +/- 5% (but also depends on the accuracy of the calibration gas & method)	
Sampling	Internal Sample Draw Diaphragm Pump 300-500 ml/min; Batch & Continuous sampling modes.	

DISPLAY & INDICATOR SPECIFICATIONS

Display	OLED Display LEDs indicate status of power & sampling
Function Keys	For Increment, Decrement and Setting
Electronic Alarm	85db Audio Alarm, Visual LEDs

ELECTRONICS AND ELECTRICAL SPECIFICATIONS

Electronics	Microprocessor based instrument
Connectivity	Mini USB for PC connectivity
Data Logging	Data logging facility for up to 3000 samples Data logging with user settable features Records gas readings along with time/date
Power Source	7.4 V/1500 mAH Li-Ion rechargeable battery pack

PHYSICAL SPECIFICATIONS

Operating Temperature Range	0 to +40 Degree Celcius
Operating Pressure	Ambient +/- 10%
Enclosure	ABS Plastic Enclosure
Weight	520 grams
Dimensions	H x W x D: 205 x 108 x 38 mm
Standard Accessories	Sampling Probe with dust filter. Data USB cable