



We are pleased to offer the *newly* designed, Uniphos Pro portable monitor for detection and measurement of toxic/flammable gases widely used in industrial applications.

Uniphos Pro is a microprocessor based hand-held instrument, which employs Electrochemical/Pellistor/NDIR/Solid state sensor. This gas sensor when exposed to target gas produce an electrical signal proportional to the concentration of target gas. Further this signal is processed, digitized and shown on alpha-numeric OLED display of the instrument.

APPLICATIONS

- Refineries
- Pharma industries
- Chemical industries
- Industrial Safety

► FEATURES

- Advanced micro-processor based technology
- Soft power ON/OFF
- Accurate, Handy and easy to use
- Easy to replace removable battery compartment
- Powerful inbuilt air sampling pump (30 m sample draw capability) for remote sampling.
- On-board memory, stores test results along with date and time stamp
- USB based communication with Computer

► SPECIFICATIONS

Sensors : Electrochemical/NDIR/Solid state sensor

Range & Resolution : Annexure 1

Accuracy : Inherently +/- 2% FS (but also depends on the calibration gas & method)

Drift : less than 2% of the signal per month at constant temperature and pressure.

Sampling modes: Draws Gas sample on continuous basis. Pump remains ON till SET key is pressed to stop sampling.

Alarm set point : One user settable alarm set point(for low range monitors)

Data Storage : Provision to store test records with gas conc. and alarm set points along with date and time

Power source : 7.4V mAh Li-ion rechargeable battery pack

Inbuilt Pump : Flow rate - 400 to 800 ml/min
Power - 3.5V DC, 60 mAh

Runtime : About 7 - 8 hours

Data Transfer : USB communication for data transfer from instrument to computer

Function keys : UP, DOWN, SET & ENTER

Operating temperature : -10°C to 50°C

Display : Large 20 X 4 Alphanumeric OLED

Instrument Enclosure : High Impact ABS

Size : Height = 190 mm
Width1 = 110 mm
Width2 = 65 mm
Depth = 40 mm

Weight : 500 gms

Accessories : Dust filter, Battery charger and Data downloading cable.

Manufactured By :
Uniphos Envirotronic Pvt. Ltd.
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► **Annexure - 1**

Gas Name	Model No.	Range	Resolution
Oxygen	UNIPHOS-210(PM)	0 - 25%V/V	0.1%V/V
Carbon Monoxide	UNIPHOS-220(PM)	0 - 1000PPM	1 PPM
Carbon Dioxide	UNIPHOS-225(PM)	0 - 5%V/V	0.01%V/V
Carbon Dioxide	UNIPHOS-225(PM)	0 - 100%V/V	1 %V/V
Hydrogen Sulphide	UNIPHOS-230(PM)	0 - 100PPM	1PPM
Sulphur Dioxide	UNIPHOS-240(PM)	0 - 20PPM	0.1PPM
Chlorine	UNIPHOS-260(PM)	0 - 20PPM	0.1 PPM
Hydrogen Chloride	UNIPHOS-270(PM)	0 - 20PPM	0.1 PPM
Hydrogen Floride	UNIPHOS-272(PM)	0 - 10 PPM	0.1 PPM
Ammonia	UNIPHOS-282(PM)	0 - 100PPM	1 PPM
Ammonia	UNIPHOS-282(PM)	0 - 1000PPM	1 PPM
Hydrogen	UNIPHOS-290(PM)	0 - 1000 PPM	1 PPM
Formaldehyde	UNIPHOS-298(PM)	0 - 10PPM	1 PPM
Combustible gas	UNIPHOS-299(PM)	20 - 10000 PPM	1 PPM
Combustible gas	UNIPHOS-299(PM)	0 - 100%LEL	1 %LEL
Combustible gas	UNIPHOS-299(PM)	0 - 100%V/V	1 %V/V
VOC	UNIPHOS-299(PM)	0 - 1000 PPM	1 PPM
VOC	UNIPHOS-299(PM)	0 - 4000 PPM	1 PPM

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For any other gases or ranges, please contact us.
 Due to continuous improvement/up-gradation, specifications may be updated without prior notice.