



MONITEX®

MONITEX® P-PID Portable Gas Monitor

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PID stands for Photo-ionisation Detector, designed to measure Volatile Organic Compounds (VOC). The MONITEX® P-PID portable gas monitor is a flexible solution combining gas detection with VOC measurement.

The P-PID Portable Gas Monitor is a robust and reliable solution to monitoring VOC's and hazardous gases within a range of environments. The PID sensor can be used in both diffusion and pumped modes and can be tuned to specific VOC's from Acetone to Xylene. Should gas levels reach danger levels, audible and visual alerts ensure that personnel can take corrective action.

Key Product Features

- ✓ Piercing 95 dB audible plus 360-degree high-visibility light bar
- ✓ High impact rubberised case
- ✓ IP65
- ✓ Calibrated for:
 - O2 Oxygen
 - H2S Hydrogen sulphide
 - CO Carbon Monoxide
 - Flammable gas
 - Volatile organic compounds

Key Applications

- ✓ Paint and resin solvents
- ✓ Contaminated ground
- ✓ Activated carbon filtration



**Photo-
Ionisation
Detector**

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*Examples of P-PID Portable Gas Monitor on site

Technical Specifications

Size	140 x 85 x 45 mm / 5.5" x 3.3" x 1.7"
Weight	0.4 kg / 14 oz.
Humidity	0-98% non condensing
Alarms	Visual 360° full light bar, piercing 95db audible • TWA/STEL alarms visual and audible • Low flow visual and audible • Low battery alarm
Display	LCD backlight display
Battery	NiMH rechargeable battery-12 hr. minimum with pump
Enclosure	High impact rubberised polycarbonate case
Rating	IP65 (Dust tight and water resistant)
Approvals	* UL 913 Class I, Div 1 Groups A,B,C, MED ⚙️ (0038/YY) - Module B & E CE 0518 ATEX ⚙️ II 2 G EEx iad IIC T3 / T4
IECEX	EEx iad IIC T3/T4

* Excludes NDIR sensor option



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P-PID Portable Gas Monitor - IP 65: ATEX Rated Calibrated for HSE EH40/2005 Workplace Exposure Limits

Gas	STEL (15 Minutes)	LTCL (8 hours TWA)	HI /HI (Max)	MEASURE
LEL (Combustible Gases)	-	-	20	%
CO (Carbon Monoxide)	100	20	300	PPM
VOC (Volatile Organic Compounds)	10	10	10	PPM
H2S (Hydrogen Sulphide)	10	5	15	PPM
O2 (Oxygen*)	19.5	23.5	23.5	%

**The minimum level is set at 19.5% as too little oxygen can impair judgment, cause unconsciousness and death. Maximum levels are set at 23.5% as too much oxygen will significantly increase the risk of fire.*

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