

The PG810 can detect up to 4 different kinds of gases simultaneously.

It can be configured with a wide range of sensors to suit many applications including flammable/explosive, toxic & volatile organic compounds.

The PG810 utilises a range of sensor technologies such as Infra-red, Cat-Ex, EC & PID.

The PG810's lithium battery can go 15-20 hours* before requiring a recharge from its mini-usb charging lead, it can be charged almost anywhere.

The PG810 is compact and light, weighing in at only 300g with dimensions of 150mm x 85mm x 46mm.

Realtime TWA/STEL monitoring, audible, visual and vibration alarms.

IP66 protection and compliant to EN60079



* average for Cat-EX, O2, CO, H2S unit

PG810

Multi-Gas Portable Monitor



- ✓ Instant, TWA & STEL Alarms
- ✓ Downloadable Datalogging
- ✓ Audible, Visual & Vibration Alarms
- ✓ Clear Colour LCD display
- ✓ Many sensor configurations
- ✓ Locally service & support
- ✓ Mini USB charging point

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PG810 Portable Gas Detector Version: 1.5



Sensors & Performance

Model	Sensor	Range	Resolution	Av Response	Expected Life
PG810-EX-IR	Combustible Gas	0-100%LEL	1%LEL	<20s	
PG810-EX	Combustible Gas	0-100%LEL	1%LEL	<30s	3-5 yrs
PG810-CO	Carbon Monoxide	0-1000ppm	1ppm	<20s	2-3 yrs
PG810-O2	Oxygen	0-30%VOL	0.1%VOL	<20s	2-3 yrs
PG810-H2S	Hydrogen Sulphide	0-100ppm	1ppm	<30s	2-3 yrs
PG810-H2	Hydrogen	0-1000ppm	1ppm	<30s	2-3 yrs
PG810-CL2	Chlorine	0-20ppm	0.1ppm	<30s	2-3 yrs
PG810-NH3	Ammonia	0-100ppm	1ppm	<30s	2-3 yrs
PG810-O3	Ozone	0-5ppm 0-100ppm	0.1ppm 1ppm	<30s	2-3 yrs
PG810-SO2	Sulphu Dioxide	0-20ppm	0.1ppm	<30s	2-3 yrs
PG810-NO	Nitric Oxide	0-250ppm	1ppm	<30s	2-3 yrs
PG810-NO2	Nitrogen Dioxide	0-20ppm	0.1ppm	<30s	2-3 yrs
PG810-CH2O	Formaldehyde	0-10ppm	0.1ppm	<30s	2-3 yrs
PG810-HCL	Hydrogen Chloride	0-20ppm	0.1ppm	<30s	2-3 yrs
PG810-HCN	Hydrogen Cyanide	0-20ppm	0.1ppm	<30s	2-3 yrs
PG810-ETO	Ethylene Oxide	0-100ppm	1ppm	<30s	2-3 yrs
PG810-CLO2	Chlorine Dioxide	0-10ppm	0.1ppm	<30s	2-3 yrs
PG810-CH4	Methane	0-5%VOL 0-100%VOL	1%VOL 3%VOL	<30s	2-3 yrs
PG810-CO2-IR	Carbon Dioxide	0-5%VOL 0-5000ppm	0.01%VOL 1ppm	<30s	<5 yrs
PG810-C2H4	Ethylene	0-200ppm	0.1ppm	<30s	2-3 yrs
PG810-VOC	Volatile Organics	0-50ppm	0.1ppm	<30s	2-3 yrs
Other	On request				

Technical Parameters

Detecting Method	Diffusion
Deviation	≥± 3% FS
Response Time	T90 < 30s
Working Temp	-20°C - +55°C
Working Humidity	15-90%R.H (no condensation)
Working Pressure	80-120kPa

Approvals

EN60079-0 2006
EN60079-11 2007
EN60079-26 2007



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EC-Type Examination Certificate Number: KEMA 06ATEX0056



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