MULTI GAS DETECTOR
Ultra PID
PART.NO. 1161708

MULTI GASDETECTOR PID 1-5 GASES

GENERAL DESCRIPTION

• Multi gas detector 1-5 gases
• Standard PID (VOC 's) version
• Simple one button operation
• Large matrix display for clear indication
• Visual, acoustic and vibration alarm
• Maintenance friendly
• Standard with pump
• ATEX / IECEx certified
• Protection class IP 66/68
• Data and event logging

ULTRA PID

The Ultra PID is only available in pump version. The Ultra PID can both, event log and data log. **The Ultra PID can detect up to five gases.** The Ultra PID identifies detectable VOCs. The Ultra PID can be equipped with an LEL, an O_2, an H_2S and a CO sensor to detect up to five gases simultaneously.

USER FRIENDLY

The Ultra PID is **user friendly** because of a simple operation by means of a single push-button. After switching on, settings are displayed and an automatic self-test is performed. The Ultra PID has a large and clear display with backlighting. At the same time, the current measured value per sensor can be read off.
The shock-resistant housing is highly water-resistant (IP66/68) and can be attached to the workwear by means of a sturdy stainless steel alligator carrying clip. The Ultra PID is equipped with a rechargeable battery that, when fully charged, has an operating time of approx. 14 hours of uninterrupted use after full charging.

WIDE RANGE OF APPLICATIONS

The compact design and easy operation makes the Ultra PID a user friendly safety instrument. **Applicable in heavy industrial environments,** e.g. Petrochemical, Offshore, Soil remediation, Shipping, Water purification, Fire brigade organisations and many other industries!

Explosion safety, this detector complies with the most stringent European standard of explosion safety and is intrinsically safe.

CHEMICAL INDUSTRY

➕ Refineries
➕ Wastewater treatment
➕ Boiler houses
➕ Soil remediation
➕ Storage of dangerous goods
➕ Food industry

WE OFFER MORE THAN A PRODUCT!

➕ Tailor made advice
➕ Project management
➕ Technical support
➕ Training and education
➕ Commissioning
➕ Onsite service / maintenance / calibration
➕ Rentals

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ORDER INFORMATION

SPECIFICATIONS	PART NO.	GASS TYPE
Ultra PID-LEL-O_2-H_2S-CO	1161704	VOCs / LEL /O_2/H_2S/CO
Ultra PID-LEL-O_2	1161707	VOCs /LEL/O_2
Ultra PID-LEL-O_2-H_2S		VOC's / LEL/ O_2 / H_2S
Ultra PID-LEL-O_2-CO		VOC's / LEL/ O_2 / CO

SENSORS				
GAS TYPE	DESCRIPTION	MEASURING RANGE	LOW ALARM	HIGH ALARM
VOCs	PID	0 - 1000 ppm	50 ppm	100 ppm
LEL		0-100% LEL	10%	20%
O_2	Methane	0 - 30 Vol%	19.5%Vol	23.5%Vol
H_2S	Carbon monoxide	0 - 999 ppm	25ppm	50ppm
CO	Hydrogen sulphide	0 - 500 ppm	1.6ppm	2.4ppm

The specifications described herein are subject to change without notice.

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ACCESSORIES

TYPE	IMAGE	ARTICLE	DESCRIPTION
Filter		1160700	Water/dust filter, inline (in tube)
Probe Plastic		1160611	Probe Plastic GA-Probe 1-1 (30cm)
Probe stainless steel		1160632	Stainless steel probe 50 cm, 1 × hose connection
Float		1161300	Float GA-Float (for detection in wells)
Hose		1225819	Gas hose / per metre
Case		1160660	Plastic carrying case, suitable for detector and accessories
PID Cleaning Kit		1160910	PID Cleaning Kit
Test gas		9990527	Gas bottle with test gas, Isobutylene 100ppm/air 110 gas litres
Test gas		9990518	Gas kit with test gas CH_4, H_2S, CO, O_2 in N2, 58 gas litres
Regulator		1225823	On Demand Flow Regulator, Brass /Chrome. (regulator for gas detectors with pump)
Regulator		1225818	On Demand Flow Regulator, Stainless Steel. (regulator for gas detectors with pump)

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SPECIFICATIONS

PRODUCT	ULTRA PID
Dimensions	14.8 x 8.5 x 4.0 cm
Weight	Approx. 411 grams
Housing	Durable shock-resistant housing
Protection class	IP 66/68
Operating temperature	-20°C to +50°C
Humidity	5-95% RH (non-condensing), continuous
Display	LC display, backlit alphanumeric display of current measured values and status
Alarm	Low alarm, high alarm per sensor, TWA alarm and STEL alarm (toxic gases), OL (Over limit) pump alarm and battery alarm
Alarm indicators	Sound: Buzzer > 95 dB Visible: Red flashing LEDs, visible from all angles, message in display Sense: Vibrating alarm
Mounting	Crocodile clip attachment
Power	Rechargeable battery pack or three AA alkaline batteries
Operating time	Approx. 14 hours with a fully charged battery
Function buttons	On/off, peak values and STEL/TWA values
Measurement	Electrical suction pump (standard)
Event logging	30 alarm events and 10 bump events
Data logging	45 days based on 8 hour shifts with logging every 15 seconds
Approvals	ATEX: II 1G Ex ia IIC T4 Ga IECEx: Ex ia IIC T4 Ga CE: European conformity
Includes:	Test gas adapter, charging console with plug power supply and manual
Vendor	Consilium Safety