

PAC-XAM5 - PERSONAL GAS DETECTOR

PAC-XAM5 Personal Monitor is a tool for the detection of gases dangerous to health. It allows to measure reliably from 1 to 5 gases and vapors, as well as oxygen and to dangerous concentrations of CO, H₂S, CO₂, Cl₂, HCN, NH₃, NO₂, PH₃, SO₂, and OV OV / A. A variety of special calibrations for the catalytic Ex sensor to further increase the sensitivity in the detection of specific gases and vapors.

The catalytic Ex sensor to measure methane concentrations from 0 to 100% LEL and 0 to 100% by vol. By setting the maximum sensitivity, the detector signals provides extremely reliable even in the presence of hazardous substances unknown.

PAC-XAM5 is tough, degree of protection IP 67, resistant to water and dust, the detector retains full functionality after an accidental fall into the water. The integrated rubber protection and use of sensors, shock-proof, ensure additional resistance against impact and vibration and is insensitive to electromagnetic interference.

The pump optional external operating with a hose, allows the use of the detector for the measurement of pre-entry inside tanks, ducts, etc.. The pump is activated automatically when you insert the detector.

Simple, fast and professional, from a simple test function (bump) to the production of complete documentation, users can choose from a wide range of practical solutions-site that offer maximum safety for any application. The automatic test and calibration station E-Cal and Bump Test Station are ideal system extensions to save time and reduce the workload.

From the menu, you can be done directly using calibration with pure air, gas mixtures and single gas.

PAC-XAM5 works with alkaline or rechargeable NIMH batteries.



SATEMA

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TECHNICAL SPECIFICATIONS

Dimensions:	47x129x31 mm (1.85"x5.08"x1.22")
Weight:	about 220 g
Environmental conditions:	Temperature -20...+50°C, Pressure 700...1300 mbar, Humidity 10...95%UR
Alarms:	Visual 180 °, Acoustic multi-tone> 90 dB at 30 cm, vibration
Battery options:	Alkaline, rechargeable NiMH cells for alkaline pack, batteries T4
Operating Autonomy:	> 12 hours in pulse mode> 40 hours
Charging time:	<4 hours
Data logger:	Read out via infrared range 1000h with 5 gas and 1 min intervals.
Pump operation:	max flex hose 20 m
Approvals:	ATEX I M1 Ex ia I, II 1G Ex ia IIC T3, I M2 Ex d ia I, II 2G Ex d ia IIC T4/T3 UL Class I & II, Div. 1 Group A,B,C,D,E,F,G Code T T4/T3 IECEx Ex ia I, Ex ia IIC T3, Ex d ia I, Ex d ia IIC T4/T3 EC Electromagnetic compatibility (Directive 89/336/EEC) RoHS Directive 2002/98/EC

LIST OF ORDER

- 83 20 000 PAC-XAM5, basic tool, data recorder and calibration certificates. No power supply.
A functional tool includes a power supply and up to 4 sensors.
- 83 18 703 Power supply with AA alkaline batteries (2 pieces)
- 83 18 704 Power supply unit T4 rechargeable NiMH
Additional power packs
- 83 18 785 Charger, comprising: power supply module with T4 NiMH charger and connection cable (universal) for a single module loader
- 83 18 708 Alkaline batteries (2 pieces) for power supply 83 18 703
- 83 19 426 T3 NiMH batteries for power supply 83 18 703, the external load (2 pieces required)

Sensors	Sensor type	Range
68 10 881 68 12 211E	Sensor XXS O2	0-25%Vol
68 10 882 68 12 212E	Sensor XXS CO	0-2000 ppm
68 10 884	Sensor XXS NO2	0-50 ppm
68 10 885	Sensor XXS SO2	0-50 ppm
68 10 886	Sensor XXS PH3	0-20 ppm
68 10 887	Sensor XXS HCN	0-50 ppm
68 10 888	Sensor XXS NH3	0-300 ppm
68 10 889	Sensor XXS CO2	0-5% Vol
68 10 890	Sensor XXS Cl2	0-20 ppm
68 11 545	Sensor XXS NO	0-200 ppm
68 11 050	CatEx 125	0-100%LEL 0/100%Vol
68 10 883 68 12 213E	Sensor XXS H2S	0-200 ppm
68 11 410	Sensor XXS CO/H2S	CO 0-2000 ppm
68 12 010	Sensor XXS CO/HC	0-10000 ppm
68 11 950	Sensor XXS CO H2 CP	0-2000 ppm
68 12 025	Sensor XXS H2 HC	0-4%Vol
68 11 525	Sensor XXS H2S LC	0-100 ppm
68 12 015	Sensor XXS H2S HC	0-1000 ppm
68 11 530	Sensor XXS OV	0-200 ppm
68 11 535	Sensor XXS OV-A	0-200 ppm
68 12 020	Sensor XXS PH3 HC	
Code E final = sensors 5 year warranty		



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