PAC-XAM7 ENVIRONMENT GASES DETECTION

PAC-X AM7 is a innovative tool for the simultaneous detection and continues up to a maximum of five gas (over 100 combustible gases and vapors) in ambient air. Can be fitted with three electrochemical sensors and two catalytic or infrared. With the PID sensor is used for measurement of VOC volatile organic vapors in ambient air. To change the measuring range of the EC sensors, Cat-EX, IR or PID and set it to another gas within a list of gas, you simply press a button, without having to recalibrate the device. Intelligent sensors and interchangeable, everyone is automatically recognized by the instrument. All sensors are pre-calibrated and replacing the sensor is automatically its reconfiguration without further testing or maintenance.

Software functions such as TWA and STEL values, as well as the peak value can be displayed or activated rapidly and with minimal training.
With the probe optional gooseneck is possible the detection of leaks from flanges, in isolation devices and valves.

In the mode of self-seeking, the device generates a series of beeps increasing or decreasing, according to the gas concentration detected. Alkaline or rechargeable battery delivers playtimes up to 20 hours (depending on battery type used).

The sensors have a standard length of over 5 years.
In alarm conditions is issued a very strong multi-tone sound accompanied by a visual alarm to 360 degrees to ensure that attracts your attention. A sign of life, issued every six seconds, confirming normal operation. Graphic display with auto zoom function to alarm high readability.

Optionally you can record up to 3000 sets of values, or 50 hours of recording data (1 set / min) via an infrared interface, can be sent to a PC for editing with SW.
The internal pump allows gas sampling.

TECHNICAL SPECIFICATIONS

Dimensions H x L x P:	150x140x75 mm
Weight:	device 600 g. - rechargeable battery 490 g (3 Ah) 730 g (6 Ah)
Ambient Temperature:	-20…+55°C,
Pressure:	700…1300 hPa
Humidity:	10…95%UR
Enclosure protection:	IP67
Battery autonomy:	NiMH 4,8V/3,0 Ah) <9ore, NiMH 4,8V/6,0 Ah <20 hour, Alcaline > 20 hour
Charging time	3,5…7 h (depending on battery type)
Audible alarm:	> 95 dB (A) at a distance of 30 cm.
Approvals:	ATEX II 2G Eex ia d IIC T4; -20 <Ta+60°C; I M2 Eex ia d I
	UL Cl. I, Div. I, Group A, B, C, D; temp. T4
	CSA Cl. I, Div. I, Group A, B, C, D; temp. T4
	EC electromagnetic compatibility (CEE 89/336)
Supply:	The instrument PAC-XAM7 with rubber case with carrying strap, calibration adapter, power supply, sensors (see the following page.), Case std. internal pump with pump adapter, NiMH Battery 4,8 V / 6,0 Ah, battery charger
Options:	datalogger
	Software
	Data transfer USB cable / PC
	nylon o skin case
	telescopic probe extendable metal
	telescopic probe plug plastic
	floating probe

PAC-XAM7 SENSORS

R Sensors		XS2 Sensors		IR Sensors		CAT Sensors	
CO	0-2000 ppm	CO	0-2000 ppm	IR Ex	0-100%LEL	Cat-EX	0-100%LEL
H2S	0-100 ppm	H2S	0-100 ppm		0-100Vol%CH4		0-100Vol%CH4
O2	0-25%Vol	O2	0-25%Vol	IR CO2	0-5 Vol%	**Sensor ultraviolet lamp**	
				IR CO2 HC	0-100Vol%	PID	0-2000 ppm

EC Sensors							
CO	0-2000 ppm	SO2	0-100 ppm	Idruri	0-20 ppm	Ammine	0-100 ppm
H2S 100	0-100 ppm	NO2	0-50 ppm	CO2	0-5%Vol	CO HC	0-10000 ppm
H2S HC	0-1000 ppm	COCl2	0-3 ppm	OV	0-200 ppm	H2	0-2000 ppm
O2LS	0-25%Vol	NH3	0-200 ppm	OV-A	0-100 ppm		
02 100	0-100%Vol	HCN	0-50 ppm	Odorant	0-40 ppm		
NO	0-200 ppm	Cl2	0-20 ppm	PH3, HC	0-1000 ppm		

Regardless of the measurement on the instrument can be installed up to 5 gases:

Possible configurations:

up to 2 Sensors IR (Infrared) and / or

up to 2 Sensors CAT EX (catalytic)

up to 2 Sensors PID

up to 3 Sensors EC (elettrochemical)