

Multi-gas detector with “voice assist” for added safety

MicroMAX Pro



Included Accessories

- Rubber boot with shoulder strap
- Rechargeable NiMH battery pack with 4-hour charger
- Dust filter
- Alkaline battery holder 10' sampling hose with water trap and particulate filter
- MPRO-DATALOG Windows™ 95/98 compatible data logging software and interface cable



Optional Accessories

- External vibrator alarm
- External earphone alarm
- Leather carrying case
- DC-to-DC vehicle charging adapter
- Aluminum or fiberglass search probes
- High-impact carrying case
- Calibration gases "Bump test" gases
- Confined space kits

Version 5.0 upgrade

- Up to 24 calibration records stored 'in unit' for later download
- Calibration history reports generated
- Compatibility with most Windows™ platforms
- Easier, more functional, user interface with enhanced menus, toolbar, screen displays and calibration dialog

Outstanding Features

- Voice Assist speaker
- User selectable internal sampling pump/diffusion
- Non-intrusive battery compartment
- Interchangeable plug-in sensors
- Field interchangeable NiMH or alkaline batteries
- Loud 90 dB horn
- Hydrophobic filter
- Multi-use port (charger, earphone, vibrator, data logging)
- Dust inhibiting particulate filter (inside inlet)
- 4-line "automatic" backlit display
- Rugged RFI/EMI resistant aluminum case
- Simple one-button operation
- Easy calibration
- LED alarm indicator
- Real-time clock
- Battery status indicator

The MicroMAX Pro is the only monitor that has it all – it's easy to use, reliable, high quality, economical and lightweight. It also has a short response time, built-in data logging, lifetime warranty*, is certified for explosive dust environments and has Voice Assist.

Since worker safety is our business, Honeywell Analytics continually strives to improve its gas detector product line, and has done so with the addition of the voice message feature. Four languages (English, French, German and Spanish) are included with each monitor - just select the desired language. Every function, when activated, is accompanied with a voice message. Everything from immediate warnings to simple on and off functions are communicated verbally to the user. This feature is also very valuable in poorly lit situations. And, the language displayed on the new 4-line display is the same as the one selected for the voice.

The MicroMAX Pro is designed to provide the ultimate in personal safety. It's OSHA compliant, and has a rugged case that provides superior RFI/EMI shielding, as well as dust, water and impact resistance. Additionally, it is designed, tested and manufactured under strict ISO 9001 standards, and is UL classified for use in hazardous locations (See **Specifications**, next page).

The MicroMAX Pro combines diffusion and built-in internal sampling pump systems for simultaneously monitoring 1 - 5 gases. The popular internal pump allows for easy pre-testing in confined spaces and provides almost instantaneous readings of gas concentrations. In order to save power, the pump can be switched off and the diffusion mode will take over.

* Lifetime warranty excludes sensors, batteries and pump

With "Voice Assist"

"MicroMax Pro On"
"Testing, Please wait"
"MicroMax Pro Ready"
"Pump On".... and Others





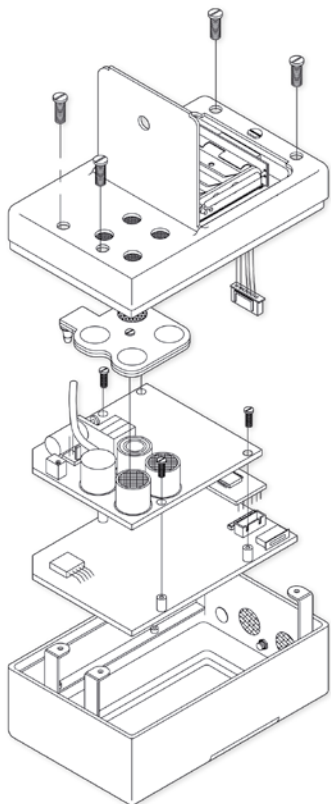
User friendly talking the language of safety

The MicroMAX Pro has preset and field selectable alarms. Both audible and visual alarms warn the user if the oxygen levels are either too low or enriched, combustible gas is present or toxic gas levels are too high. The toxic gas alarms can be easily adjusted in the field from immediate to TWA. And, alarms are also activated in case of sensor failure, low battery voltage, pump blockage or low air flow.

Our unique microprocessor design allows for self diagnostics with each start up. The MicroMAX Pro internally data logs individual channel alarms, TWA averaging and peak information. With a push of the "Mode" button you can review information, as well as customize user settings or initiate calibration.

All stored information is available for display, and meets OSHA documentation for employee awareness programs by simply downloading to a standard Windows™-compatible PC with Lumidor's MPRO-DATALOG software.

Calibration is easier than ever before - it's all automatic-no tools, screws or stopwatch required. Simply place in calibration "Mode", introduce calibration gas and wait for voice/display indicating calibration is complete! A NiMH rechargeable battery pack and 4-hour charger are now included with each monitor.



MicroMAX Pro Specifications

Accuracy	O ₂ 0.5% by volume. Toxics 2 PPM or 10% of applied gas concentration. Combustible 2% LEL or 5% FS
Dimensions	4.75" W x 3.00" H x 1.80" D
Weight	17.6 oz
Operating Temperature Range	-20°C to +50°C (-4°F to +122°F)
Humidity Range	0 to 95% (non-condensing)
Power Sources	Rechargeable NiMH battery pack or 4 AAA sized alkaline batteries
Battery Life	NiMH: 13 hours. Alkaline: 10 hours
Pump Modes	User selectable pump/diffusion operation. (Monitor will automatically change to diffusion mode if the pump should stop)
User Selections	Pump/diffusion, Voice Assist on/off, confidence beep, calibration
Supervisor Selections	Language, date format, immediate high and low alarm settings, data logging frequency, latching alarms, calibration gas levels, calibration intervals, combustible gas types, alarm types, calibration due display, auto zero mode
Alarm Outputs	Audible: >90 dB at 1'. Visual: Red LED flashing display characters. Voice: >72 dB at 1'
Immediate Alarms	2 supervisor-programmable immediate alarms per channel
Data Logging	2400 data points/channel with wrap-around memory. User selectable 1, 2, 3, 4, or 5 minute intervals (1 min. = 40 hours, 5 mins. = 200 hours)
Repeatability	±2%
Approvals	UL classified Class I, Div 1 & 2, Groups A, B, C & D; Class II, Groups E, F & G; and Class III when used with four "AAA" 1.5 volt alkaline batteries, with holder, Part Number MPRO-BPA, or used with a 5 volt NiMH battery pack, Part Number MPRO-BPR.
Warranty	Lifetime. Excludes sensors, batteries and pump

Ordering Information

Base Unit	# Of Sensors	Gas	Range
MPRO-	5	A = Oxygen (O ₂)	0 - 40% by volume
	4	B = Combustible (LEL)	0 - 100%
	3	C = Carbon Monoxide (CO)	0 - 999 PPM
	2	D = Hydrogen Sulfide (H ₂ S)	0 - 500 PPM
	1	E = Ammonia (NH ₃)	0 - 200 PPM
		F = Chlorine (Cl ₂)	0 - 20 PPM
		G = Chlorine Dioxide (ClO ₂)	0 - 10 PPM
		H = Sulfur Dioxide (SO ₂)	0 - 20 PPM
		J = Phosphine (PH ₃)	0 - 20 PPM
		K = Nitrogen Dioxide (NO ₂)	0 - 50 PPM
		L = Hydrogen Cyanide (HCN)	0 - 200 PPM
		M = ComboTox (CO & H ₂ S)*	0 - 500 PPM
		N = Combustible (% by volume)	0 - 100% CH ₄

(Example: MPRO-4ABCD 4-Gas Oxygen, Combustible, Carbon Monoxide and Hydrogen Sulfide)

NOTE: Please order sensors alphabetically. *Counts as two sensors.

Honeywell Analytics Lines of Business



Commercial

Vulcain-brand gas detection from stand-alone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

- » Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

- » Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial

Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

- » Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets



Find out more

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