

PHD6

6 Gas Confined Space Gas Detector



The PHD6 is a state of the art multi-gas detector. It's the most configurable gas detector we've ever seen with 5 sensor ports, up to 6 channels of detection, and 18 sensor options including electrochemical, LEL, PID and Infrared.

The PHD6 is reliable and sophisticated while maintaining the ease of use that you've come to expect from Honeywell. Day-to-day detector operations are controlled entirely through the mode button.

A status bar on the display with easy-to-recognize icons gives the user immediate access to everything from time to calibration status. Built-in and easy-to-navigate menus give advanced

users the ability to configure the detector in the field.

The PHD6 is constructed of an engineered polycarbonate frame with rubber overmold, making it both tough and easy to handle. Power comes from interchangeable alkaline or Li-Ion rechargeable battery packs with run times as long as 22 hours. A manual sample draw kit is included and an optional motorized sample draw pump is available.

KEY FEATURES

- 5 Sensor ports and 18 sensor options
- PID sensor option
- Electrochemical sensor options
- Durable exterior
- Interchangeable battery packs
- Audible alarms that stand out!

RANGE OF GASES DETECTED

	O ₂	LEL	IR CH ₄ [%]	IR CO ₂ [%]	PID [PPM]	CO	H ₂ S	Duo-Tox CO	Duo-Tox H ₂ S
Ranges	0-30 % by vol	0-99%	0-5.00%	0-5.00%	0-2000 PPM	0-999 PPM	0-200 PPM	0-999 PPM	0-200 PPM
Resolution	0.1%	1% LEL	0.05% CH ₄		0.1 PPM	1 PPM	1 PPM	1 PPM	1 PPM
Warning Low Alarm 19.5%	10%	0.5	0.5	50	35	10	35	10	
Danger High Alarm 23.5%	20%	1.0	1.0	100	100	20	100	20	
STEL alarm	N/A	N/A	N/A	N/A	25	100	15	100	15
TWA alarm	N/A	N/A	N/A	N/A	10	35	1**	35	10
T90	<15 sec	<20sec(-methane)	<30 sec	<30 sec	<10sec(-sobut)	<20sec	<20sec	<20sec	<20sec
	CO-H	SO ₂	CL ₂	NO ₂	NO	NH ₃	PH ₃	HCN	
Ranges	0-999	0-25	0-50	0-100	0-250	0-100	0-20	0-100	
Resolution	1 PPM	0.1 PPM	0.1 PPM	0.1 PPM	1 PPM	1 PPM	0.1 PPM	0.2 PPM	
Warning Low Alarm	35	2	0.3	0.5	12.5	12.5	0.3	2.4	
Danger High Alarm	100	5	0.5		25	25		4.7	
STEL alarm	100	5			25	35		4.7	
TWA alarm	35	2	0.5		25	25	0.3	4.7	
T90	<20 sec								

*Increased sensors and detection range available on request.

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SPECIFICATIONS Specifications subject to change without notice

5 Sensor ports and 18 sensor choices	With 18 sensor choices, including PID, IR-CO ₂ , IR-CH ₄ , conventional LEL, oxygen and 15 different toxic gas sensors including Duo-Tox, the PhD6 can be configured for just about any use.
PID sensor option	PID sensor monitors for hundreds of known VOCs.
Electrochemical sensor options	Choose from 13 different electrochemical toxic gas sensors.
Durable exterior	The PHD6 is enclosed in a solid polycarbonate case with a TPE (rubber) overmold, so it's both tough and easy to handle.
Interchangeable battery packs	Li-Ion battery pack runs for up to 22 hrs. Alkaline battery packs also available.
Audible alarms that stand out!	The new audible alarms in the PHD6 are unlike anything you've ever heard from a gas detector - and rated at 92 dB.
Visible alarms	Front and side mounted LED alarms are highly visible.
Status bar with easily visible symbols	Let the user know the status of the instrument. A heartbeat symbol beats every 5 seconds to let you know that the instrument is functioning normally. Calibration due is shown with a gas cylinder icon coupled with a triangular warning symbol.
IQ dock compatibility	Reduce labor costs, automate record keeping and save calibration gas all at the same time with the IQ6 Dock.
Menu-driven instrument configuration	Select from the Main Menu or the Basic Menu. Access all instrument configuration options from alarm settings to calibration gas details.
Built-in IRDA port	Every PHD6 includes a built-in IrDA port that allows the instrument to be configured with a PC. The IrDA port also allows instruments with the Datalogger upgrade to be downloaded in the field to retrieve data on calibrations and exposure levels.
Certifications	SGS USTC Class I Division 1 Groups A, B, C, D Temp Code T3C (Approved to UL-913). ATEX (DEMKO) Ex d ia IIC 150° C (T3). IECEx Ex d ia IIC 150°C (T3) CSA Class I Division 1 Groups A, B, C, D Temp Code T3C. NEPSI (Chinese) Approval Ex d ia IIC 150°C.



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