

# GasTech PHD6

## 6 Gas Confined Space Gas Detector



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

The PHD6 to be reliable and sophisticated while maintaining the ease of use that you've come to expect from us. 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.

5 SENSOR PORTS AND 16 SENSORS

PID & INFRA-RED SENSOR OPTIONS

ELECTROCHEMICAL SENSOR OPTIONS

DURABLE EXTERIOR

INTERCHANGEABLE BATTERY PACKS

AUDIBLE ALARMS THAT STAND OUT!

IQ DOCK COMPATIBILITY

3 BUTTON USER INTERFACE

EASY TO READ BACKLIT LCD DISPLAY



Distributed By

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**GASTECH**  
AUSTRALIA

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## Key Features

	O2	LEL	IR CH4 (%)	IR CO2 (%)	PID (PPM)	CO	H2S	Duo-Tox CO	Duo-Tox H2S
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% CH4	0.05%CH4	0.1 PPM	1 PPM	1 PPM	1 PPM	1 PPM
Warning Low Alarm	19.5%	5%	0.25	0.5	50	30	10	30	10
Danger High Alarm	23.5%	10%	0.5	1.0	100	200	15	200	15
STEL alarm	N/A	N/A	N/A	N/A	25	200	15	200	15
TWA alarm	N/A	N/A	N/A	N/A	10	30	10	30	10
T90	<15 sec	<20sec(methane)	<30 sec	<30 sec	<10sec(Isobut)	<20sec	<20sec	<20sec	<20sec

	CO-H	SO2	CL2	NO2	NO	NH3	PH3	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	30	2	0.3	0.5	12.5	12.5	0.3	4.7
Danger High Alarm	200	5	0.5	1	25	25	1	10
STEL alarm	200	5	1	1	25	35	1	10
TWA alarm	30	2	0.5	1	25	25	0.3	4.7
T90	<20 sec							

\*Danger Low Alarm for O2 "Compatible with single sensor configuration only. Alarm levels are user configurable.

### 5 SENSOR PORTS AND 16 SENSOR CHOICES

With 16 sensor choices, including PID, IR-CO2, IR-CH4, conventional LEL, oxygen and 12 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.

#### INFRA-RED SENSOR OPTIONS

Choose from CO2 or Methane Infra-Red toxic gas sensors.

#### DURABLE EXTERIOR

The PHD6 is enclosed in a solid polycarbonate case with a TPE (rubber) over-mold, 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 EASY TO READ 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 recordkeeping and save calibration gas all at the same time with the IQ6 Dock.

#### MENU-DRIVEN INSTRUMENT CONFIG

Select from the Main Menu or the Basic Menu. Access all instrument configuration options from alarms setting to

#### 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.

**Honeywell**

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