Impact and Impact Pro

Honeywell

The Impact range of portable multi-gas monitors is able to monitor and display up to four gases simultaneously

Reliable Operation

- Pre-calibrated plug-in sensor cartridge
- High specification sensors
- Patented Surecell™ toxic sensors
- Stable and accurate

Easy to Use

- One button on/off
- Multi-lingual, intuitive menu system
- On screen prompts guide user
- Built-in correction factors for flammable gases
- Minimal training required

Easy to Maintain

- Plug-in operation for all serviceable parts
- Cartridge replacement in less than one minute
- Re-calibration in less than two minutes when using Enforcer
- Minimised cost of ownership

Durable Housing

- Waterproof to IP67
- Rugged and impact resistant
- Built for everyday use

Alarm Indication

- 3 levels of instantaneous alarm, time weighted average alarms on toxic
- Periodic confidence flash and bleep
- Increasingly rapid flashing, ultra-bright alarm LEDs
- Powerful two tone audible alarm
- Vibrating alarm for noisy environments*
- Safelink communications*

User Friendly Pre-entry Check

- Peak hold function and drop line
- Hand aspiration
- Built-in automatic pump*
- Totally flexible

*Impact Pro model only

The Impact range of portable multi-gas monitors is able to monitor and display up to four gases simultaneously.

Using high specification flammable, oxygen and patented Surecell™ toxic sensors, our unique cartridge technology ensures safe, accurate and reliable measurements are always made.

Available in two configurations, the Impact and Impact Pro accepts either disposable and/or serviceable cartridges respectively, all of which are pre-calibrated and can be replaced in under one minute, so simplifying maintenance and minimising cost wherever possible. Compact and rugged these monitors are designed for tough working environments while being small, lightweight and unobtrusive, making them ideal for use in confined spaces where entry and exit may be difficult.

Designed to work how you want to; gas checks prior to entering a confined space can be carried out using a drop line, hand aspirator or via an optional built-in pump (supplied as standard on the Impact Pro) that turns on and off automatically when the sampling tube is connected.

Ultra-bright alarm lights and a powerful audible alarm, coupled with a periodic green flash and bleep provide user confidence that monitoring is always in operation and alarms are never missed. For noisy environments a vibrating alarm is included as standard on the Impact Pro. A large, multi-lingual, backlit display, with intuitive menu system simplifies use and minimises operator training.

Available for use with a wide range of accessories including the unique Enforcer calibration system and compliance friendly Safelink communication system, you can be sure that the Impact range of portable multigas monitors will be ready to protect you when most needed.

IP67 RATED

General Specification

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Use	Portable multigas monitor for the protection of personnel from up to four hazardous gases in the working environment.
Available to detect#	Flammable, Oxygen, Carbon Monoxide, Hydrogen Sulfide, Sulfur Dioxide, Chlorine, Nitrogen Dioxide, Ammonia, Carbon Dioxide.
User interface	Ultra clear, backlit, alphanumeric display. Intuitive push button menu system with user selectable operation in English, French, German, Italian, Spanish and Dutch. Other languages available upon request.
Configuration and data download	Supplied configured, ready to use including data-logging as standard. Configurable via optional PC software and base station for control of logging functions and data download.
Construction	Impact resistant plastic, anti-static to EN50014.
Dimensions	49mm x 84mm x 136mm (1.9" x 3.3" x 5.3")
Weight	Maximum 520g (18oz) including rechargeable battery and optional pump.
IP rating	Instrument IP67 (NEMA 4 & 6).
Operating temperature#	-20°C to +55°C (-4°F to +131°F).
Storage temperature#	Instrument -40°C to +80°C (-40°F to +176°F).
Humidity range#	Continuous 20 to 90%RH. Intermittent 0-99%RH non-condensing.
Alarms	3 levels of instantaneous alarm per channel. Time weighted average alarms on toxic channels. Supplied pre-set (user configurable via optional PC software and base station).
Audible alarm	Periodic confidence bleep with differing dual tone for fault, gas alarm and warning rated 85dBA at 1m (90dBA at 1ft).
Visual alarm	Green confidence flash with rapid red flashing for fault, gas alarm and warning indication.
Battery performance	Ni-MH rechargeable, operating life > 10 hours (Charging time 7 hours). Dry cell disposable > 17 hours. Nominal reduction of 10% when used with pump.
Optional pump	Supplied as standard with Impact Pro. Typical flow rate 0.3l/min. Automatic start/stop feature with auto-test on start-up and flow fail alarm.
Approvals	Europe: Ex II 2G, EEx ia d IIC T4 (ATEX). USA: Class 1, Div 1, Groups A, B, C, D (UL). Canada: Class 1, Div 1, Groups A, B, C, D (CSA). Australia (surface): Ex ia s Zone 0, I/IIB, T4. Australia (mines): MDA GD 5053. DMT: DMT 02 ATEX G 001 PFG Nr. 41300502. Brazil: BR-Ex ia d IIC T4 (INMETRO). Marine: Marine Equipment Directive MED 96/98/EC
Standard supply	Each instrument is supplied complete with quick start guide, multi-lingual operating instructions on CD, dry cell battery holders and batteries, belt clip and flow adaptor. Fully configured and ready to accept either disposable or serviceable sensor cartridges the key considerations in selecting either the Impact or Impact Pro are highlighted below.

	Impact	Impact Pro
Cartridge type#	Disposable only	Disposable or Serviceable
Integral pump/pump adaptor	No	Yes
Vibrating alarm	No	Yes
Safelink	No	Yes

Ordering information

e.g. 2302B1000 9 B E = **2302B10009BE**

TYPE	CERTIFICATION		LANGUAGE	
8 Impact	**U** USA	UL	**E** English*	
9 Impact Pro	Canada	CSA	**F** French	
	B Europe	ATEX	**G** German	
	Australia	SAA	**I** Italian	
	Australia Mines	MDA	**S** Spanish	
	Brazil	INMETRO	**D** Dutch	
				*Default

Optional accessories	A wide range of optional accessories are available including: Base station and Impact Configuration Utility (required for data download and configuration). Rechargeable NiMH batteries for use with base station or offline charger. Enforcer calibration system. Safelink communication system. Pre-entry sample probes including hand aspirator, 1m probe, tubing and ball float. Body harness and harness clip offering alternate mounting arrangements. Field case for housing of all accessories as required.

Refer to cartridge datasheet for gas specific data

Our Product Range

Fixed Gas Monitoring

Honeywell Analytics offers a wide range of fixed gas detection solutions for a diverse array of industries and applications including: Commercial properties, industrial applications, semiconductor manufacturers, energy plants and petrochemical sites.

» Detection of flammable, oxygen and toxic gases (including exotics)

» Innovative use of 4 core sensing technologies – paper tape, electrochemical cell, catalytic bead and infrared

» Capability to detect down to Parts Per Billion (ppb) or Percent by Volume (%v/v)

» Cost effective regulatory compliance solutions

Portable Gas Monitoring

When it comes to personal protection from gas hazards, Honeywell Analytics has a wide range of reliable solutions ideally suited for use in confined or enclosed spaces. These include:

» Detection of flammable, oxygen and toxic gases

» Single gas personal monitors – worn by the individual

» Multi-gas portable gas monitors – used for confined space entry and regulatory compliance

» Multi-gas transportable monitors – used for temporary protection of area during site construction and maintenance activities

Technical Services

At Honeywell Analytics, we believe in the value of great service and customer care. Our key commitment is providing complete and total customer satisfaction. Here are just a few of the services we can offer:

» Full technical support

» Expert team on hand to answer questions and queries

» Fully equipped workshops to ensure quick turnaround on repairs

» Comprehensive service engineer network

» Training on product use and maintenance

» Mobile calibration service

» Customised programmes of preventative/corrective maintenance

» Extended warranties on products

Find out more

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H_Impact/Impact Pro_DS0280_V5_EMEA
09/07
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