



**Simple portable test and calibration  
of Impact multi-gas monitors**

# Enforcer



## Convenient to Use

- Portable design
- Lightweight and compact
- Disposable multi-gas cylinder
- Wall mounting bracket with security fixing included

## Easy to Operate

- Simple mechanical construction
- Attach the Impact
- Instrument is automatically recognised
- Press a single button to proceed
- Wait a minute
- Impact is now tested and calibrated
- Minimal training required

## Minimise Running Costs

- No need for third parties
- Reduce instrument downtime
- Simplify operations
- Minimize gas consumption

## Easy to Maintain

- Durable plastic housing
- Wipe clean surfaces
- Replaceable gaskets and seals
- Built-in indicator tells you when gas needs replacing

## Maintain Records

- Calibration history recorded by instrument
- Print history via optional PC software
- Ensure compliance with regulations

**Regulations require regular testing of gas monitoring equipment to ensure that the instrument will work as and when required. The Enforcer allows you to easily comply with regulations when using an Impact multi-gas monitor without the need for costly test facilities or third parties.**

'Bump' testing should be carried out before use of any portable gas detector. This involves exposing each gas sensor to a known concentration of target gas and ensuring that it responds correctly. If not, the unit must be re-calibrated or serviced to replace those parts not working.

Personal gas monitors are normally calibrated every 3 to 6 months. Typically this requires specialist knowledge and equipment that is costly or the work is sub-contracted to a third party. During this time instruments are not available for use and so could delay essential operations or force additional monitors to be purchased.

The Enforcer calibrates Impact multi-gas monitors fitted with oxygen, flammable, carbon monoxide and hydrogen sulphide sensors in less than two minutes. Volumes and flow rates are minimised to allow approximately 200 calibrations per cylinder of gas making calibration as low in cost as a 'Bump' test.

Impact instruments when used with The Enforcer are always available for use. Calibration results are recorded for printing at a later date via the optional PC software thereby ensuring that instrument histories are always available if required.



# General Specification



## Enforcer Specification

<b>Use</b>	Test and calibration accessory for use with Impact multi-gas monitor when fitted with oxygen, flammable, carbon monoxide and hydrogen sulphide sensors
<b>Technique</b>	A controlled amount of gas is applied to the instrument. The response is compared against historical data obtained during manufacture and if within tolerance automatic adjustment of readings are made
<b>Construction</b>	Polycarbonate
<b>Dimensions</b>	170mm x 145mm x 560mm * (7" x 5.7" x 22") * <small>*Maximum length includes cylinder and sliding tray in open position</small>
<b>Weight</b>	1.34Kg (47oz)
<b>Ordering information</b>	Enforcer with multi-gas cylinder: 2302B0831 (EN50054), 2302B1336 (EN61778) Enforcer excluding multi-gas cylinder: 2302B0650

## Multi-gas Cylinder Specification

<b>Contents</b>	100ppm Carbon Monoxide 40ppm Hydrogen Sulphide 2.5% Methane (CH4) 15% Oxygen Nitrogen balance
<b>Accuracy</b>	+/-5%
<b>Number of applications per cylinder (calculated)</b>	>200
<b>Type</b>	2AL
<b>Standards</b>	Europe - One fill valve in accordance with prEN12205 USA / R.O.W. - DOT 39 Standard
<b>Dimensions (approx.)</b>	80mm x 240mm (3.1" x 9.5")
<b>Weight</b>	0.44Kg (16oz)
<b>Pressure</b>	34 bar (maximum)
<b>Ordering information</b>	Multi-gas calibration gas cylinder: 2302D0833 (EN50054), 2302D0761 (EN61779)

**1**

- Screw the multi-gas cylinder into Enforcer
- Check the pressure gauge to ensure the cylinder is not empty

**2**

- Open the Enforcer by pulling the sliding tray forward
- The tray 'locks' open when lowered in its tracks



**3**

- Turn on and insert the Impact to be calibrated. The instrument may be zeroed in fresh air first if required
- Ensure that the instrument is locked into position on the guides located on the sliding tray



**4**

- Close the sliding tray by lifting the handle
- When closed Impact will automatically recognise the Enforcer and prompt the user to continue



**5**

- Press the button to calibrate the Impact
- Calibration can take between 45 and 90 seconds subject to the age of the instrument
- Upon completion Impact will display the results of the calibration
- Results may be downloaded via the PC software and printed for report purposes if required

As World leaders in gas detection solutions, Honeywell Analytics' Neotronics range is best placed to provide the most efficient, practical and cost-effective equipment. Wherever personal protection is required, you can rely on our equipment to provide practical solutions and to help keep your business running safely.

## The Neotronics range of portable gas detection



Impulse XT



Impulse XP



Impulse X4



Impact and Impact Pro



Enforcer



Safelink

### Impulse range

The Impulse range provides personal single and multi-gas protection and operational compliance in industrial environments. They are ideal for people working in areas that are not easily accessible and/or where fixed detection systems are not installed or not practical.

Impact and Impact Pro are ideal for providing personal protection against gases in tough environments, especially in confined spaces where entry and exit may be difficult. The Impact range provides easy and economical means of personal gas detection to meet compliance requirements. The Safelink Entrant/Attendant function ensures safe working practices are followed.

The Enforcer helps you to easily (and cost-effectively) comply with regulations requiring the regular testing of instruments. Because it can calibrate Impact multi-gas monitors within less than two minutes, the instruments are always ready for use. It also reduces cost by avoiding the need for specialist knowledge and equipment, or sub-contracting to expensive third parties, which also adds delays.

Safelink adds an extra safety dimension, enabling two-way communication in difficult areas. Easy to use, the system links two Impact Pro multi-gas monitors together, allowing a co-worker in a confined space to be monitored remotely, as well as providing a way of exchanging messages.

### Find out more

[www.honeywellanalytics.com](http://www.honeywellanalytics.com)

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