I-Test

Portable Gas Detection Equipment

- Flexible
- Reliable
- Records

I-Test

Gas-Pro

I-Test

Bump test solutions

When lives and property are at risk and you need gas detection equipment that is totally reliable, you need Crowcon. For over 40 years Crowcon has been developing and manufacturing high quality products with a reputation for reliability and technical innovation.

Crowcon provide both single gas and multigas monitors for personal monitoring and portable safety applications providing protection against a wide range of industrial gas hazards.

Ensuring your site is compliant

I-Test is Crowcon's newest solution to test and verify that your Gas-Pro is in a compliant state to carry out your daily work. Bump testing standards are getting tighter in all regions and the need for the control of the bump and calibration records is a must, the I-Test with the I-Test Manager makes this as easy as it can be.

Fliexible

Mains powered, or battery back up	Allows you to use on site, or in field
No computer required for bump or calibration test	
Entirely self-contained	No extra equipment required
Ability to update Gas-Pro configurations	No fleet downtime
Data management	Site compliance
Software to support the I-Test	Configurable to site requirements

Reliable

I-Test can recognise cylinders that are empty or that have expired	Allows full compliance
Starts test procedure automatically when the Gas-Pro is inserted into the I-Test	No button presses required
The demand flow regulator coupled with the I-Test allows the automatic pull of the correct required amount and concentration of gas	No requirements to turn on and off the gas
Verifies that the sensors are responding to a known value of gas and that filters are clear and good for use	Gives the user full confidence that the Gas-Pro is compliant to use
Ensures the audible and visual alarms are working	

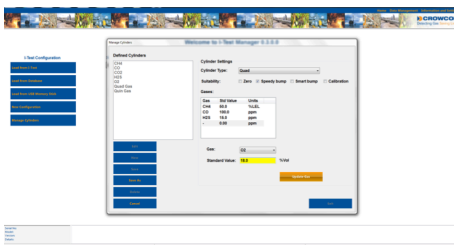### Records

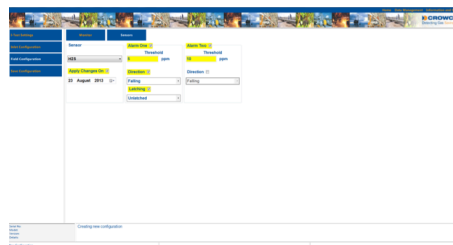|	
Allows you to carry out exception reporting	You can see who has and hasn't carried out their bump test or calibrations
Stores and updates all bump and calibration results	Results can then be interrogated using the I-Test manager software

I-Test Manager

I-Test Manager is Crowcon's software solution for the control of your data that has been collected through the I-Test. The software platform is intuitive and can be used by multiple users giving you the ability to run the correct reports for your department. With the I-Test Manager you can do the following:
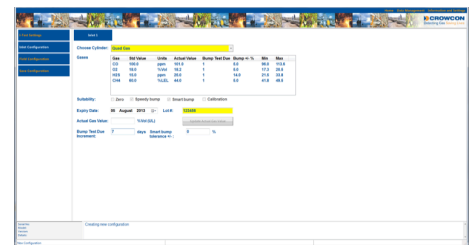
Manage cylinders

- Ensure gas is tracked
- Ensure gas is in date
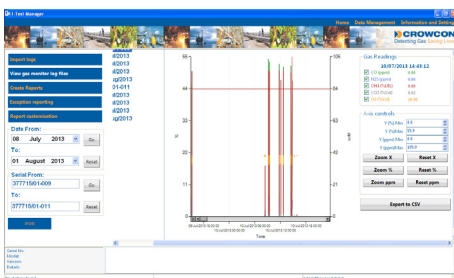- Flexibility of concentrations

Field configuration

- Change a fleet easily
- Ensure unit is up to latest standards
- No down time
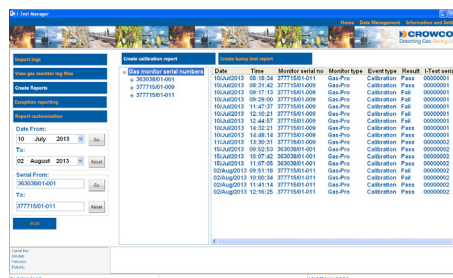
Inlet configuration

- Flexibility of use
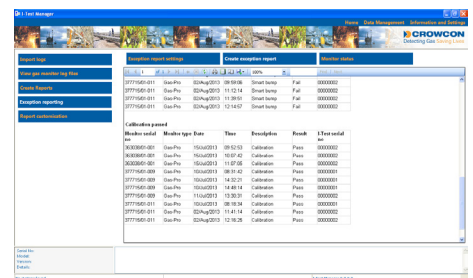- Ensure correct gas is being used

View data

- Data reporting in graph form
- Search by date
- Full site record keeping

Create reports

- Site compliant
- Tailored reporting
- Print or save certificates

Exception reporting

- Ensure everyone is following site rules
- Report on missing units
- Flexibility on reports

Please see the back page for full technical specifications.

I-Test Specification:

Size	110 x 250 x 320mm (4.3 x 9.8 x 12.6 ins)
Weight	2kg (70.5oz)
Input supply	9-12V @ 3A
I-Test backup battery	200 speedy bump tests with 15 second intervals bewteen tests 5 hours in standby with no bump test Battery life approximately 500 cycles Charge time 7 hours
RTC backup battery	3 year life
USB interface	One standard USB type A socket for USB Flash Memory stick One standard USB type B socket for connections to PC
Inlets/Outlets	Single gas inlet (requires demand flow regulator) Purge inlet (air) Exhaust
Regulators	Demand flow regulator required
Storage capacity	Internal 2GB MicroSD card
Temperature specifications	Operating temperature: -10°C to +50°C Storage temperature: -25°C to +60°C Charging temperature: 0°C to +40°C
Humidity	0% and 95% relative humidity (non-condensing) at +40°C
Ingress protection	IP20

Accessories:

Demand flow regulator

Calibration gas

Cylinder holder

CROWCON
Detecting Gas Saving Lives