I-Test

Portable Gas Detection Equipment

- Quick
- Automated
- Compliance

I-Test

When lives and property are at risk and you need gas detection equipment that is totally reliable, you need Crowcon. For over 45 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 safety and portable monitoring 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 and T4 are in a compliant state to carry out your daily work. Bump testing standards are getting tighter in all regions and the need for controlled bump and calibration records is a must. I-Test and the accompanying I-Test Manager softwaremakes this as easy as can be.

Flexible

Mains powered, or battery back-up	Allows you to use on site, or in field
Entirely self-contained	No extra computers or equipment required
Ability to update Gas-Pro and T4 configurations	Update the bump test interval or alarm levels of your fleet with ease and no fleet downtime
Data management	Archive gas level data from detectors long term
Powerful support software	Makes configuring I-Test to site requirements extremely easy

Reliable

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I-Test recognises empty or expired cylinders	Avoid using non-compliant bump/calibration gas
Testing starts automatically when detector is inserted	Minimal user training required
Ensures the audible and visual alarms are working	Gives the user full confidence that the Gas-Pro is compliant to use
Battery backup	Testing continues even if power is out

Records

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Everything is logged	See evrything that has been tested and whether it has passed/failed
Exception reporting	Precise reports flag up who has and hasn't carried out their bump test or calibration
Powerful reporting	Need to see which detectors have gone in to alarm in the last month? I-Test Manager makes easy work of pulling report summaries together

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:
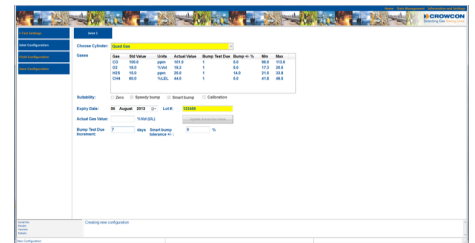
Manage cylinders
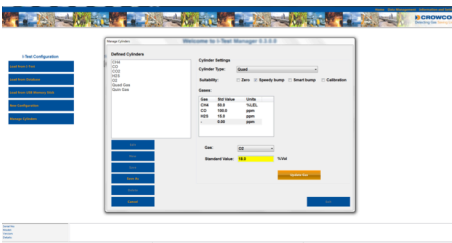
- Ensure gas is tracked
- Ensure gas is in date
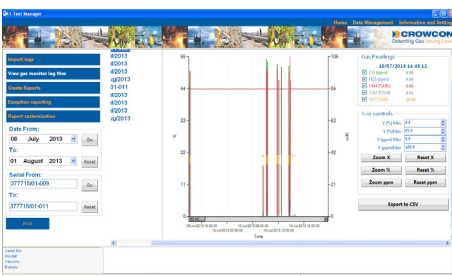- Flexibility of concentrations

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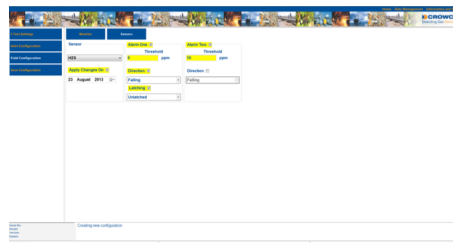
- Change a fleet easily
- Ensure unit is up to latest standards
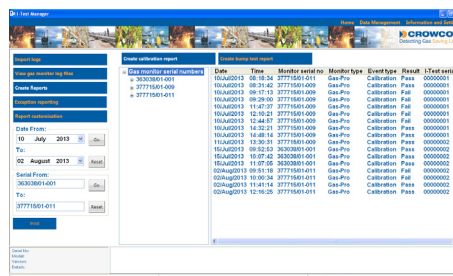- No down time

Inlet configuration

- Flexibility of use
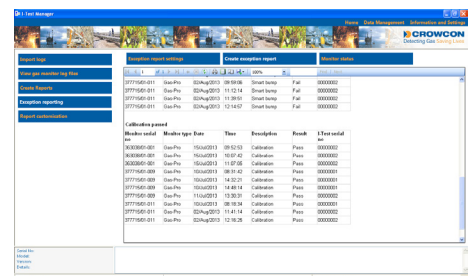- Ensure correct gas is being used

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 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 between 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: -10ºC to +50ºC Storage temperature: -25ºC to +60ºC Charging temperature: 0ºC to +40ºC
Humidity	0% and 95% relative humidity (non-condensing) at +40ºC
Ingress protection	IP20

Accessories:

Demand flow regulator

Calibration gas

Cylinder holder

CROWCON
Detecting Gas Saving Lives