

I-Test

Automated Portable Gas Detector Test Station

Quick
Automated
Compliance



I-Test

Automated Bump Test Station

Ensuring your site is compliant

I-Test is Crowcon's fully automated solution for testing and verifying 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 software makes this easy.

It takes less than 1 minute to complete a bump test with I-Test



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

I-Test recognises empty or expired cylinders	Allows for planned refills and no unit downtime
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

Everything is logged	See everything 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

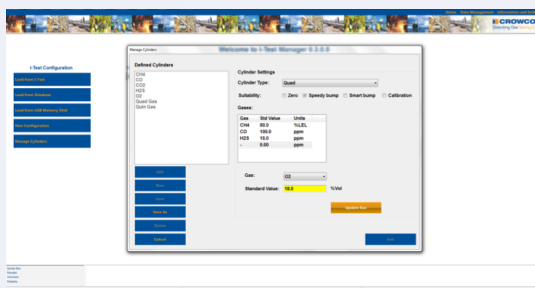
Simple to use

When the Gas-Pro or T4 are inserted into I-Test, no button presses are required and I-Test starts testing automatically. A bump test takes less than 1 minute. The test carries out verification that the sensors are responding to a known value of gas, and filters are clear and good for use. It will also ensure the audible and visual alarms are working, giving the user full confidence that they are compliant for site use.

I-Test Manager

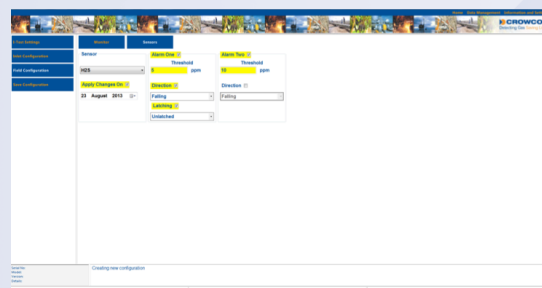
I-Test Manager is Crowcon's software solution for the control of your data that has been collected through the I-Test. The software platform is intuitive and can be used by multiple users giving you the ability to run the correct reports for your department. With the I-Test Manager you can do the following:

Manage cylinders



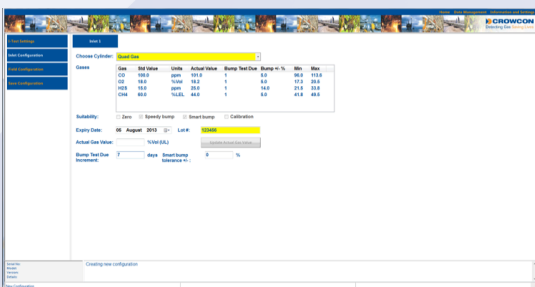
- Ensure gas is tracked
- Ensure gas is in date
- Flexibility of concentrations

Field configuration



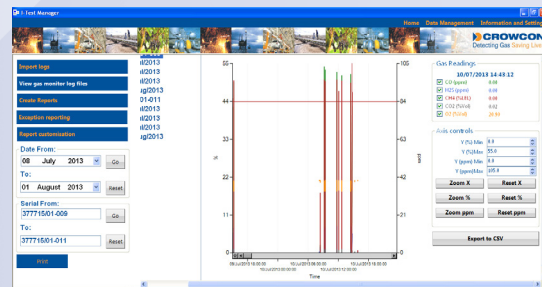
- Change a fleet easily
- Ensure unit is up to latest standards
- No down time

Inlet configuration



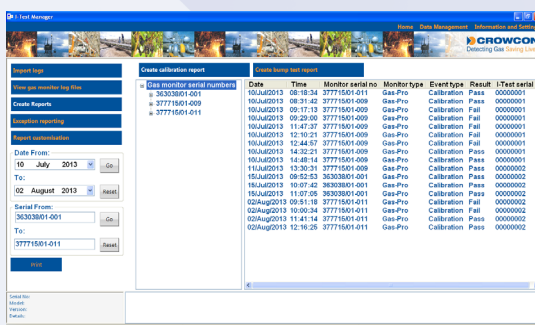
- Flexibility of use
- Ensure correct gas is being used

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

Monitor serial	Monitor type	Date	Time	Description	Result	I-Test serial
3020501-001	Gas-Pro	15-Jul-2013	08:52:43	Calibration	Pass	00000002
3020501-001	Gas-Pro	15-Jul-2013	10:07:42	Calibration	Pass	00000002
3020501-001	Gas-Pro	15-Jul-2013	11:07:07	Calibration	Pass	00000002
3020501-001	Gas-Pro	15-Jul-2013	11:12:14	Smart bump	Fail	00000002
3020501-001	Gas-Pro	15-Jul-2013	11:29:51	Smart bump	Fail	00000002
3020501-001	Gas-Pro	15-Jul-2013	12:14:50	Smart bump	Fail	00000002
3020501-001	Gas-Pro	15-Jul-2013	14:22:21	Calibration	Pass	00000002
3020501-001	Gas-Pro	15-Jul-2013	14:40:14	Calibration	Pass	00000002
3020501-001	Gas-Pro	15-Jul-2013	15:30:30	Calibration	Pass	00000002
3020501-001	Gas-Pro	15-Jul-2013	16:10:24	Calibration	Pass	00000002
3020501-001	Gas-Pro	15-Jul-2013	17:41:14	Calibration	Pass	00000002
3020501-001	Gas-Pro	15-Jul-2013	18:16:25	Calibration	Pass	00000002

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

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: -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



Disclaimer

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