

# I-Test

## Portable Gas Detection Equipment



- Quick
- Automated
- Compliance



# 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 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 software makes 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

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

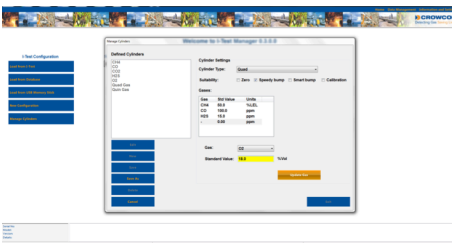
Everything is logged	See everything that has been tested and whether it has passed/failed
Exception reporting	Precise reports flag up who has and hasn't carried out their bump test or calibration
Powerful reporting	Need to see which detectors have gone in to alarm in the last month? I-Test Manager makes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



## I-Test Manager

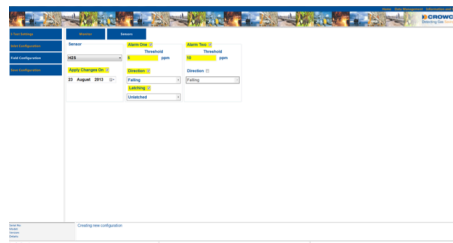
I-Test Manager is Crowcon's software solution for the control of your data that has been collected through the I-Test. The software platform is intuitive and can be used by multiple users giving you the ability to run the correct reports for your department. With the I-Test Manager you can do the following:

### Manage cylinders



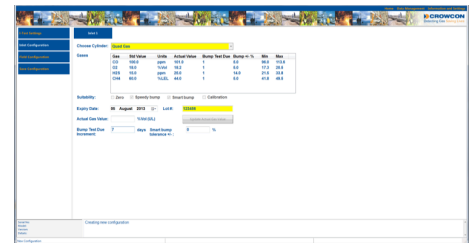
- Ensure gas is tracked
- Ensure gas is in date
- Flexibility of concentrations

### Field configuration



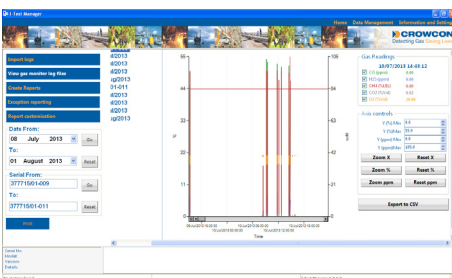
- Change a fleet easily
- Ensure unit is up to latest standards
- No down time

### 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

Date	Time	Member Serial No.	Member type	Event type	Result	LT test serial no.
10/AUG/2013	08:18:24	37771561011	Gas-Pro	Calibration	Pass	00000001
10/AUG/2013	08:21:45	37771561009	Gas-Pro	Calibration	Pass	00000001
10/AUG/2013	08:17:13	37771561009	Gas-Pro	Calibration	Fail	00000001
10/AUG/2013	08:20:45	37771561009	Gas-Pro	Calibration	Fail	00000001
10/AUG/2013	12:16:21	37771561009	Gas-Pro	Calibration	Fail	00000001
10/AUG/2013	11:47:37	37771561009	Gas-Pro	Calibration	Fail	00000001
10/AUG/2013	12:14:21	37771561009	Gas-Pro	Calibration	Fail	00000001
10/AUG/2013	14:32:21	37771561009	Gas-Pro	Calibration	Pass	00000001
10/AUG/2013	14:48:14	37771561009	Gas-Pro	Calibration	Pass	00000001
10/AUG/2013	13:30:31	37771561009	Gas-Pro	Calibration	Pass	00000002
10/AUG/2013	08:52:52	30203801001	Gas-Pro	Calibration	Pass	00000002
10/AUG/2013	10:27:42	30203801001	Gas-Pro	Calibration	Pass	00000002
10/AUG/2013	11:07:05	30203801001	Gas-Pro	Calibration	Pass	00000002
02/AUG/2013	08:18:18	37771561011	Gas-Pro	Calibration	Fail	00000002
02/AUG/2013	10:30:34	37771561011	Gas-Pro	Calibration	Fail	00000002
02/AUG/2013	11:41:14	37771561011	Gas-Pro	Calibration	Pass	00000002
02/AUG/2013	12:16:28	37771561011	Gas-Pro	Calibration	Pass	00000002

- Site compliant
- Tailored reporting
- Print or save certificates

### Exception reporting

Member Serial	Member type	Date	Event type	Result	LT test serial no.
37771561011	Gas-Pro	02/AUG/2013 08:18:24	Calibration	Pass	00000001
37771561011	Gas-Pro	02/AUG/2013 08:21:45	Calibration	Pass	00000001
37771561011	Gas-Pro	02/AUG/2013 08:17:13	Calibration	Fail	00000001
37771561011	Gas-Pro	02/AUG/2013 08:20:45	Calibration	Fail	00000001
37771561011	Gas-Pro	02/AUG/2013 12:16:21	Calibration	Fail	00000001
37771561011	Gas-Pro	02/AUG/2013 11:47:37	Calibration	Fail	00000001
37771561011	Gas-Pro	02/AUG/2013 12:14:21	Calibration	Fail	00000001
37771561011	Gas-Pro	02/AUG/2013 14:32:21	Calibration	Pass	00000001
37771561011	Gas-Pro	02/AUG/2013 14:48:14	Calibration	Pass	00000001
37771561011	Gas-Pro	02/AUG/2013 13:30:31	Calibration	Pass	00000002
37771561011	Gas-Pro	02/AUG/2013 08:52:52	Calibration	Pass	00000002
37771561011	Gas-Pro	02/AUG/2013 10:27:42	Calibration	Pass	00000002
37771561011	Gas-Pro	02/AUG/2013 11:07:05	Calibration	Pass	00000002
37771561011	Gas-Pro	02/AUG/2013 08:18:18	Calibration	Fail	00000002
37771561011	Gas-Pro	02/AUG/2013 10:30:34	Calibration	Fail	00000002
37771561011	Gas-Pro	02/AUG/2013 11:41:14	Calibration	Pass	00000002
37771561011	Gas-Pro	02/AUG/2013 12:16:28	Calibration	Pass	00000002

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

Please see the back page for full specifications.

## I-Test Specification:

<b>Size</b>	110 x 250 x 320mm (4.3 x 9.8 x 12.6 ins)
<b>Weight</b>	2kg (70.5oz)
<b>Input supply</b>	9-12V @ 3A
<b>I-Test backup battery</b>	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
<b>RTC backup battery</b>	3-year life
<b>USB interface</b>	One standard USB type A socket for USB Flash Memory stick One standard USB type B socket for connections to PC
<b>Inlets/Outlets</b>	Single gas inlet (requires demand flow regulator) Purge inlet (air) Exhaust
<b>Regulators</b>	Demand flow regulator required
<b>Storage capacity</b>	Internal 2GB MicroSD card
<b>Temperature specifications</b>	Operating temperature: -10°C to +50°C Storage temperature: -25°C to +60°C Charging temperature: 0°C to +40°C
<b>Humidity</b>	0% and 95% relative humidity (non-condensing) at +40°C
<b>Ingress protection</b>	IP20

## Accessories:



Demand flow regulator



Calibration gas



Cylinder holder

Crowcon reserves the right to change the design or specification of the product without notice. Check [www.crowcon.com](http://www.crowcon.com) for updates.

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### UK:

Tel: +44 (0) 1235 557700  
Fax: +44 (0) 1235 557718  
Email: [sales@crowcon.com](mailto:sales@crowcon.com)

### US:

Tel: +1 859 957 1039  
Toll Free: 800 527 6926  
Fax: +1 513 957 1044  
Email: [salesusa@crowcon.com](mailto:salesusa@crowcon.com)

### NL:

Tel: +31 10 421 1232  
Fax: +31 10 421 0542  
Email: [eu@crowcon.com](mailto:eu@crowcon.com)

### SG:

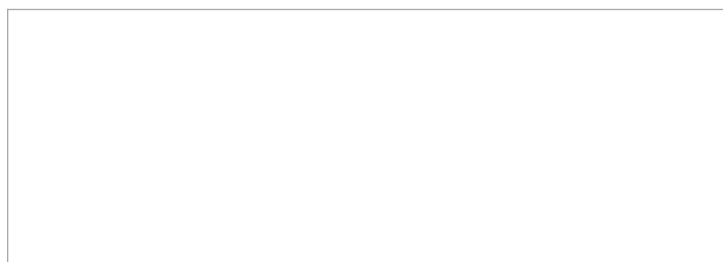
Tel: +65 6745 2936  
Fax: +65 6745 0467  
Email: [sales@crowcon.com.sg](mailto:sales@crowcon.com.sg)

### CN:

Tel: +86 (0) 10 6787 0335  
Fax: +86 (0) 10 6787 4879  
Email: [saleschina@crowcon.com](mailto:saleschina@crowcon.com)

### IN:

Tel: +91 22 6708 0400  
Fax: +91 22 6708 0405  
Email: [salesindia@crowcon.com](mailto:salesindia@crowcon.com)



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Detecting Gas Saving Lives