



Getting Started with i-Test

Features & Benefits

- i-Test works with all chemical inhibitors for Central Heating Systems.
- Simple on-site testing to BS7593:2019.
- Inhibitor test result in 5 minutes.
- Send a report to the customer or office direct from your phone.
- Works on both IOS and Android phones.
- No monthly App/Support costs.
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What's in the Box



Before the Test

We recommend you watch this 'How to' video first. Simply scan the QR code below.



1. Ensure that your mobile phone software is updated to the latest version, all App permissions are granted and GPS services switched on (Fig.1).
2. If starting a new pack of probes, first scan the QR code on the pack (Fig.2).
3. Using the sample pots provided, prepare samples of the property cold tap water and heating system water ready to test. (Run cold water tap for a few minutes first.)
4. Prepare the probe (Fig.3) by lightly sanding both sides to an even sanded finish with the sanding pen on a flat surface. For best results use a fresh section of the sanding belt for each side. It is important that both sides should be fully cleaned and untarnished before starting the test. (Do not overwork the sanding of the probe.)

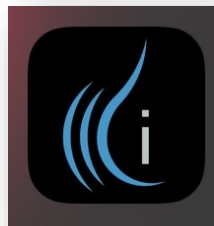


Fig. 1



Fig. 2

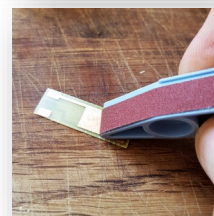


Fig. 3

Performing the Inhibitor Test

1. Open the i-Test® App on your phone.
2. Choose 'Reason to Test' and press 'OK' to progress to the test screen.
3. Insert the freshly sanded single use probe into the sender unit (Fig.4). It is important not to touch the cleaned faces of the probe.
4. When the probe is inserted a blue light will flash which indicates that the Bluetooth transmission has been made.
5. As soon as the Bluetooth light flashes, press 'Start' on the App. The App will then connect with the sender unit, check the battery level and wait for a valid signal.
6. Immediately insert the probe in the sender unit into the tap water pot (Fig.5).
7. Within a few seconds the App will produce a speedometer-like dial. This part of the test is measuring the probe signal in the water and is used to ensure the base reading is sufficient for the main part of the test.
8. Once this part of the test is finished (it will take 30 seconds) and providing the needle remains in the blue part of the small dial on the left, you can proceed to the main test. (If the dial is in the red part you will be asked to re-sand the probe on both sides and restart.)



Fig 4



Fig 5

Performing the Inhibitor Test Contd.

9. The screen will flash with a message asking you to dry the probe and insert it into the heating system water. To dry, either gently shake off any excess water or briefly touch the bottom edge of the probe to a clean dry tissue, insert dried probe into the heating system water sample (Fig.6). Press again to continue.
10. The next part of the test will take four minutes for the probe to measure the effectiveness of any inhibitor in the water and produce a result of pass or fail at the end (Fig.7).
11. Once the test has finished, press 'OK' and it will produce a print-friendly version of the test result which you can share with your customer by using the Share symbol at the top right of the screen.
12. The test is now complete and is saved automatically on your phone or device for future reference.



Fig 6

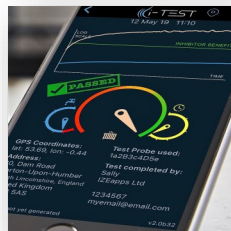
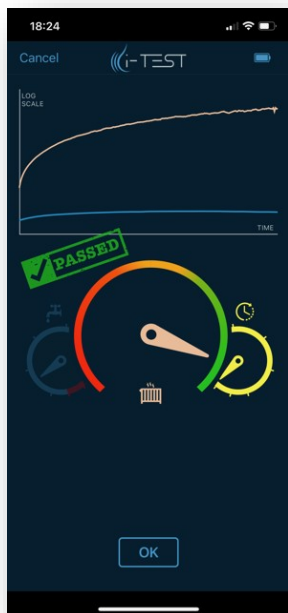


Fig 7

IMPORTANT NOTES:

- If performing a test on a new system which has been dosed for the first time, or a system where the dose has been topped up, please run the central heating system for approx. 20 minutes to ensure the inhibitor has been distributed adequately throughout the system.
- Do not change your account email or create a second account with the same email as you will lose your previous test results

Sample Results.



PASS

Inhibitor at correct strength.
Corrosion protection sufficient



FAILED

Line turning down indicates cleaner also present in system.



FAILED

Insufficient Inhibitor.
Corrosion protection low.