

i-TEST

BY **SCALEMASTER®**



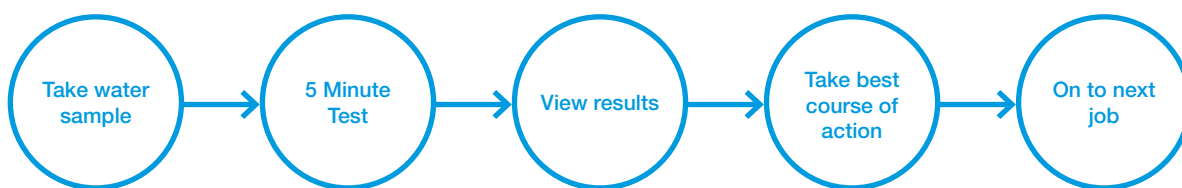
We're bringing the lab to you!

On-site testing of corrosion inhibitor protection
in under 5 minutes using your smartphone

*Phone not included.

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Using i-Test® by Scalemaster®



Using water testing via external lab



Inhibitor Testing for Professionals

After years of formulating chemical inhibitor products for wet central heating systems and developing test methods to determine the limitations of commercially available products, Scalemaster have turned their expertise to developing an Inhibitor Tester professional plumbers can use on-site to determine the effectiveness (or absence) of any inhibitor present in a heating system.

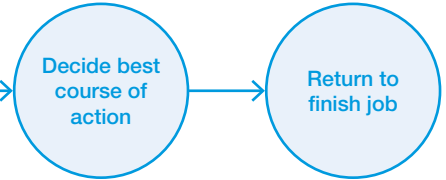
Called i-Test®, the inhibitor function tester from Scalemaster uses a galvanic couple (formed from copper and steel materials commonly found in central heating systems), to measure the level of corrosion protection provided by any beneficial product present.*

Freshly cleaned metal surfaces are introduced into a sample of heating system water and corrosion activity measured. Over a short period of time, the change in level of corrosion occurring is monitored and compared to that obtained with water correctly dosed with leading proprietary inhibitors.

Good performance and any deficiencies are easily identified – Any necessary corrections can be carried out and validated (re-tested after adequate circulation) during the same visit.

i-Test® works with all inhibitors and testing can be completed in under 5 minutes. Reports can be used by plumbers to show customers that systems have been correctly treated before leaving site.

*i-Test® allows assessment of the level of corrosion protection in a heating system compared to the performance achieved by correctly dosed inhibitors certified to NSF CIAS.



6 Simple Steps to Check Corrosion Inhibitor Protection

1

Download the app

After purchasing an i-Test® simply download the i-Test® app to a mobile phone. Take 10ml cold mains and system water samples and complete the on-screen form to record any information relevant to the system on test.

2

Clean the probe

Prepare the fresh metal surfaces by cleaning a test probe using the enclosed sanding pen.

3

Insert the probe

Insert the probe into the signal sender unit to switch on and connect to the phone via Bluetooth.

4

Check tap water

Insert the probe into the tap water sample – during this part of the test, the App checks that the probe has been sufficiently cleaned to give any inhibitor in the system water something to protect.

5

Test system water

When prompted, shake off any excess mains water and insert into the system water sample – during this part of the test, the App records how well any inhibitor present gets to work in suppressing corrosion between the two different metals.

6

Generate report

The graph and 'inhibitor strength' dial show how the overall corrosion performance compares to generic industry agreed targets. The results are compiled into a report which can then be e-mailed or shared with the customer.

When used as part of annual servicing program, i-Test® ensures compliance with Section 10: Testing and Ongoing Maintenance of BS7593:2019 in ensuring that energy efficiency and ongoing protection are maintained.



Spares available from www.i-test.com



Replacement Probe Packs & Sanding Belt(s)

x10 Code: 506111
x50 Code: 506128

Replacement Water Cup Set

Code: 506166



Sanding Pen

Code: 506142



Replacement Case with Insert

Code: 506180



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European Patent No. 2 762 855

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