

## Sentinel InstaCheck®

### System water quality testing and validation solution

The InstaCheck test kit and mobile app allow users to test water quality and inhibitor levels in conjunction with BS7593 guidelines. The mobile app generates a tailored water quality report with recommendations for ongoing system care.

- **Immediate results**  
Assess water quality and inhibitor level on-site in one visit even without Internet access.
- **Multi-parameter water analysis**  
Designed to identify risks to system health in multi-metal systems and aluminium heat exchangers, InstaCheck tests for circulating debris, pH, copper and inhibitor levels.
- **Simple guided process**  
The InstaCheck step-by-step testing process identifies water quality issues and allows engineers to remedy them while on site.
- **Validation process based on BS7593**  
Water quality validation process based on BS7593 best practice, designed to achieve high levels of system protection.

 <b>50 tests per tub</b>	 <b>Install validation</b>
 <b>Service validation</b>	 <b>Tailored report and recommendations</b>



#### The Sentinel System

Lifetime protection for heating, cooling and hot water systems using the best practice process of...



**CLEAN**  
WITH APPROPRIATE CLEANER



**PROTECT**  
WITH X100 INHIBITOR



**MAINTAIN**  
WITH INSTACHECK TEST KIT

# Application

Based on BS7593 best practice, the InstaCheck app guides users through heating and cooling system testing; it allows engineers to test, adjust and report on water quality and inhibitor levels within the system. The InstaCheck report provides tailored recommendations for ongoing system care, according to the water test results entered in the app.

# Usage

The Sentinel InstaCheck app is designed to be used in conjunction with the InstaCheck test kit, which includes: 1 x Sentinel turbidity tube, 1 x pot of 50 water quality test strips, 1 x pot of 50 inhibitor test strips, and 1 x sampling vial. The app guides users through the process of testing for key water quality parameters in heating and cooling systems:

- Turbidity:** Quantifies the amount of circulating debris in a boiler or heat pump system water. This debris can create sludge, which may damage circulators and appliances as well as reducing system efficiency.
- pH:** System water must be maintained within a neutral pH range to prevent acceleration of corrosion and scale forming processes.
- Copper:** High dissolved copper levels can cause corrosion in multi metal systems, including aluminium heat exchangers.
- Inhibitor:** Correctly dosed inhibitor ensures the system is adequately protected against the effects of corrosion and scaling.

At each step of the testing process, the app provides guidance and recommendations based on the physical test kit results entered. Test data can be saved inside the InstaCheck app without Internet connection; the PDF report will be automatically sent to specified user email address(es) when connected to the Internet.

# Physical properties

<b>Suitability</b>	Sentinel InstaCheck is suitable for water testing in boiler and heat-pump systems.	
<b>Compatibility</b>	<a href="https://www.sentinelprotects.com/uk/instacheck/compatibility">https://www.sentinelprotects.com/uk/instacheck/compatibility</a>	
<b>Available products</b>	Starter Kit:	<ul style="list-style-type: none"> <li>1 x Sentinel turbidity tube.</li> <li>1 x pot of 50 water quality test strips.</li> <li>1 x pot of 50 inhibitor test strips.</li> <li>1 x test tube.</li> </ul> Provided in a durable, padded waterproof carry case.
	Test refills:	<ul style="list-style-type: none"> <li>Test 1 – Water Quality (50 test strips).</li> <li>Test 2 – Inhibitor (50 inhibitor test strips).</li> <li>Test 1 + Test 2 bundle (50 of each test strip).</li> </ul>
<b>Storage</b>	Keep away from sunlight and moisture (the waterproof carry case is designed to safely store the test kit when not in use). Store below 32°C. Use test strips by the expiry date printed on the container.	

The use of Sentinel water treatment is endorsed by the industry’s major international manufacturing companies\*



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 7650 Daresbury Park, Warrington, Cheshire, WA4 4BS, United Kingdom. Tel: +44 (0) 1928 704 330  
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[www.sentinelprotects.com](http://www.sentinelprotects.com)

