

# Sentinel JetFlush Survey Kit

## Provides positive demonstration of the benefits of Jetflushing

### Introduction

The Sentinel JetFlush Survey Kit is designed for use in conjunction with Sentinel JetFlush flushing units. It will rapidly identify where problems exist within a central heating system, which are usually due to the build up of scale and corrosion debris. It also allows you to demonstrate the effectiveness of the flush once it has been completed. A Survey Report form can be printed allowing you to record relevant information, both before and after flushing, highlighting the improvements to the system. A copy of the completed report form can then be left with your customer.



### Specification

The JetFlush Survey Kit is supplied in a compact, durable plastic case and contains the following items:

- Sentinel Turbidity Tube
- Total Dissolved Solids (TDS) Meter
- Conductivity/TDS Standard
- Sentinel X100 Test Kit
- Mini Infra Red (IR) Thermometer

The Survey Kit is supplied with a CD that contains the user instructions, together with a printable Survey Report form. The Survey Report form can even be personalised by adding your own company logo.

### Method of Use

**Prior to flushing**, a temperature survey of all radiators should be performed using the Mini IR Thermometer. The thermometer is used simply by pointing the laser at different points across the radiator and recording the readings. A sample of system water is also taken and the turbidity measured using the Sentinel Turbidity Tube provided.

**After flushing**, the temperature survey is repeated and the effectiveness of the Jetflushing process can be rapidly demonstrated by showing the improvement in temperatures across the radiators.

A further sample of system water is taken and the turbidity again measured using the Turbidity Tube, providing a visual indication to the customer of the effectiveness of the clean.

If a chemical cleaner has been used it is important to ensure that this has been sufficiently removed from the system during the secondary flushing process. The TDS meter allows you to do this by ensuring that after flushing, the TDS of the system water has returned to a value similar to the mains water.

### System Treatment

After the Jetflushing process is complete it is essential that the system is inhibited with Sentinel X100 to reduce the risk of further scale and corrosion debris. Once the Sentinel X100 has been added its correct treatment level can be confirmed with the Sentinel X100 Test Kit.