

Quick Start Guide

Summary of Screen Icons

↑	Step up
↓	Step down
Prn	Print report
Log	Log report
Page 1	Step to Page 1 of Flue report
Page 2	Step to Page 2 of Flue report
Page 3	Step to Page 3 of Flue report
T1	Take T1 snapshot temperature
T2	Take 2 snapshot temperature
Start?	Start CO Room test
Quit?	Quit CO Room test
Cont?	Continue CO Room test
-	Decrement value
+	Increment value
-A, -a, -, -0, -!	Decrement through character list
Z+, z+, /+, 9+, @+	Increment through character list
Space →	Insert space
→	Move through header character list
Hour	Confirm hour setting
Min	Confirm minute setting
Day	Confirm day setting
Month	Confirm month setting
Year	Confirm year setting
Find	Find a log by number
Cancel	Cancel log delete
Clear	Delete all logs

PLEASE READ THE MANUAL ON THE CD-ROM FOR FULL INSTRUCTIONS ON THE USE OF SPRINT V1. THIS GUIDE CAN THEN BE USED FOR QUICK REFERENCE.

Important: please connect flue probe first before switching on your Sprint unit, ensure the water trap is empty and is fitted in the right direction. Do not insert probe in flue till after auto zero. Always start in clean air.

SWITCH-ON

Press and hold the ON/OFF/ENTER key for two seconds until you hear a beep. Ensure the gas exhaust outlet is not blocked. Allow unit to stabilise after warm-up is finished. Press any of the top three key to complete auto zero. After a successful auto zero, Sprint will display the *Test* menu screen and switch off the pump. You can enter the *Main* menu at any time and make further changes to the options by pressing the ESC button from the Test menu.

SWITCH-OFF

Press and hold the ON/OFF/ENTER button for approximately two seconds until you hear a rising beep. Press the ESC key to stop switch off sequence.

PERFORMING TESTS

To enter any test screen, select the required test from the *Test* menu by using the up and down arrow keys and use the centre soft key confirm selection.

To end any test, press the ESC key.

FLUE GAS ANALYSIS

Select *Flue gas analysis* from the *Test* menu. Then select the required fuel from the list. Sprint will switch on the pump and begin making measurements. Use the soft keys to log or print the results.

Press the ON/OFF/ENTER button to display the three screens available:

Screen 1: CO, CO₂ and CO/CO₂ ratio.

Screen 2: O₂, XSair and efficiency.

Screen 3: O₂, CO and Temperature.

TEMPERATURE TESTS

Sprint can perform a differential temperature test with one thermocouple probe. To begin test, select *Diff Temp* from the *Test* menu. Check the units displayed are the correct temp scale. If no probes are connected Sprint will display ----.

1. Place probe in position to make measurement T1.

2. Press the soft key icon T1 to take a snapshot reading of T1.

3. Move the probe into position to take second reading T2. The screen will display the icon T2 to show temperature reading T2 is being taken. The screen will display the snapshot temperature, the live probe temperature, and the differential temperature. Use the soft keys to log or print the results.

ROOM CO SAFETY TEST

1. To begin test, select *CO Room safety* from the *Test* menu. Sprint will display the *Appliance* menu. Select the appliance from the list.

2. Connect probe if required to the Sprint unit and place at the recommended height. Refer to British standard BS7967 if necessary.

3. The pump will switch on in readiness for test.

4. Press *Start?* to start test. Sprint will display *COppm*, *COP ppm* (peak measured) and time elapsed.

The test will run for the required duration by appliance according to BS7967.

Sprint will emit an alarm if 30ppm (or 90ppm) threshold is exceeded. Sprint is programmed with pass/fail criteria for this test. Refer to British Standard BS7967 for further details on performing room CO safety tests.

To stop test at any time, press the ESC key. Use the soft keys *Cont?* to continue test or *Quit?* to quit test.

Use the soft keys to log or print the results once test is complete.

INS29601

Anton Industrial Services Limited

Unit 6 Park House, 15/23 Greenhill Crescent, Watford Business Park, Watford WD18 8PH

Tel. No: 0870 428 0075

Website: www.anton-group.com

Email: ais@anton-group.com