



SL600 - Solar Thermal Test Kit

- Digital Temperature meter with dual K-type connection
- K-type pipe temperature clamp
- Digital PH meter
- Refractometer
- Compass Inclinator
- Carry Case



The New SL600 Solar Thermal Test Kit is one of the UK's most comprehensive kits to service the Solar Thermal market. The kit includes the Di-log DL7101, our biggest selling digital thermometer, 2 x K-type temperature pipe clamps, a digital PH Meter, the SL801 Refractometer for measuring anti-freeze, & the SL911

Compass Inclinator, packaged in a secure carry case. The SL600 offers you a fantastic all round Solar Thermal test kit to assist with the installation and servicing of thermal hot water systems.

SL600 - Key Features

- DL7101 - Temperature measurement to 1000°C or 2000°F
- Pipe Clamps -40 to 100°C or -40 to 212°F
- PH measurement 0.0 to 14.0 pH
- SL911 Compass Inclinator 360° Compass & 90° Inclinator
- SL801 Refractometer Ethylene Glycol 1.15 to 1.30
- PH Buffer Powder for re-calibration

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SL600 - SPECIFICATIONS

DL7101 - Digital Thermometer

Temperature Celsius

Range	Resolution	Accuracy
-50 to 0°C	1°C	± 2°C
0 to 1000°C	0.1°C	± 0.5% rdg ±1°C
1000 to 1300°C	1°C	± 0.8% rdg ±1°C

Input Protection: 60V DC or 24V AC RMS maximum input voltage on any combination of input pins

Temperature Fahrenheit

Range	Resolution	Accuracy
-58 to 32°F	1°F	± 4° F
32 to 2000°F	0.1°F	± 0.5% rdg ±2° F

Input Protection: 60V DC or 24V AC RMS maximum input voltage on any combination of input pins

Temperature Coefficient

0.1 Times the applicable accuracy specification per °C
From 0°C to 18°C and 28°F to 50°F (32°F to 64°F and 82°F to 122°F)

Input Connector Type

Type K probe: Accepts standard miniature thermocouple Connectors (flat blade spaced 7.9mm, centre to centre)

Type "K" Thermocouple (Supplied)

Maximum Insulation Temperature: 260°C (500°F)
Probe Accuracy: ± 2.2°C or ±0.75% of reading (Whichever is greater) from 0°C to 800°C

Miscellaneous

Supplied with 1x 9V battery
Dimensions: 162(H) x 76(W) x 43(D) mm
Weight: 403g

Digital PH Meter

PH Level

Range	Resolution	Accuracy
0.0 to 14.0pH	0.1pH	±0.1 pH (at 20°C) ±0.2 pH

Miscellaneous

Environment: RH 95% max; 0 to 50 °C (32 to 122°F)
Supplied with: 3 x 1.5V alkaline battery
Dimensions: 152(H) x 30(W) x 21(D) mm
Weight: 50g

SL801 - Refractometer

Ethenol Glycol & Propylene

Range	Minimum	Accuracy
E 0-50°C	-5°C	N/A
P 0-50°C	-5°C	N/A
B 1.10 - 1.30 kg/L	0.01 kg/L	N/A
Compensation Range	10 - 30°C	N/A

Miscellaneous

Automatic Temperature
Supplied with: Carry Case
Dimensions: 160(H) x 30(W) x 40(D) mm
Weight: 180g

K-Type Temperature Clamps

Temperature Range

Range	Resolution	Accuracy
-40 to 100°C	1°C	N/A
-40 to 212°F	1°F	N/A

Miscellaneous

Clamp Jaw Opening: 35mm
Cable Length: 1020mm

SL911 - Compass Inclinometer

Range	Resolution	Accuracy
Compass - 0-360°	1°	N/A
Inclinometer - 0-90°	1°	N/A

All Di-log Thermometers supported by a 2 Year Warranty

EMC & LVD
EN: 50081-1, 50082-1
EN: 61010-1, EN 61010-02-031

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