

**Di-LOG**  
...measurably better

# DL7101

## Digital Thermometer



- Large Backlit LCD Display
- Auto Power Off
- High Accuracy
- Data Hold
- Max Temperature Mode
- Differential Temp Measurement

### DL7101

- Type "K" Probe input
- Temperature -50 to 1300°C
- Temperature -58 to 2000°F
- Differential measurement  
Between 2 Thermocouples
- 2 x Type "K" probes Supplied  
with meter
- Standard 9V battery

[www.dilog.co.uk](http://www.dilog.co.uk)

Tel: 0800 018 9112 Fax: 0800 018 6711

# SPECIFICATIONS

## 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)

## Miscellaneous

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

## 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

**All Di-log Thermometers  
supported by a  
2 Year Warranty**

**CE**

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

Di-log Test Equipment  
Unit 28 Wheel Forge Way  
Trafford Park  
Manchester  
M17 1EH

Sales: (0161) 877 0322  
Fax: (0161) 877 1614  
Email: sales@dilog.co.uk