Specification
DTL84 Data Logging Thermometer

All specified accuracies are at 23°C ± 5°C < 90% R.H. (non-condensing) for 1 year.

Temperature coefficient:
0.01% of reading + 0.05°C (0.0028°F) per °C (0°C to 18°C, 28°C to 50°C or 32°F to 64°F, 82°F to 122°F)

Range:
K: -200°C-1372°C (-328°F-2501°F)
J: -200°C-1000°C (-328°F-1832°F)
E: -200°C-750°C (-328°F-1382°F)
T: -200°C-400°C (-328°F-752°F)
N: -200°C-1300°C (-328°F-2372°F)
R, S: 0°C-1767°C (32°F-3212°F)

Resolution: K-, J-, E-, T-, N-type
0.1°C < 600°C
0.1°F < 1000°F
1°C ≥ 600°C
1°F ≥ 1000°F

R-, S-type
0.2°C < 600°C
0.5°F < 1000°F
1°C ≥ 600°C
1°F ≥ 1000°F

Accuracy:
J, K, E, T, N-type

-200°C to -100°C	± (0.5% of reading +0.7°C)
≥100°C	± (0.1% of reading +0.7°C)
-328°F to -148°F	± (0.5% of reading +1.3°F)
≥-148°F	± (0.1% of reading +1.3°F)

R, S-type

0°C to 1767°C	± (0.2% of reading +1.4°C)
32°F to 3212°F	± (0.2% of reading +2.5°F)

General purpose 100cm Type K thermocouple bead probe
Temperature measurement range: -50°C to 200°C (-58°F to 392°F)
Probe accuracy: ± 2.2°C (± 3.9°F)

Specification
DTL84 Data Logging Thermometer

GENERAL
Display: Liquid crystal display
Over range: OL is displayed
Measurement rate: twice per second
Power: 4 x 1.5V AAA alkaline batteries (IEC LR03, NEDA 24A)
Continuous operating time: Bluetooth OFF – 120 hours approx
Bluetooth ON – 30 hours approx
Auto power off: Setable to 10mins, 30mins, 1hr, 2hrs, 4hrs, 8hrs or disabled
Dimensions: 187mm (L) x 75mm (W) x 29mm (H)
Weight: 290g
Includes: storage case, 2 x K-type thermocouples, bluetooth adaptor, 4 x 1.5V AAA alkaline batteries, DTL84 software CD, micro USB cable and instruction manual.

ENVIRONMENTAL
Temperature & Humidity: Operating: 0°C to 50°C, 10% to 90% R.H. non-condensing
Storage: -20°C to 60%, 10 to 75% R.H.

EMC
Conforms to BS EN 61326-1

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- Digital Multimeters
- Labels
- Microwave Leakage Detectors
- Motor Maintenance Equipment
- Multifunction Testers
- Non-trip Loop Testers
- Pat Testers & Accessories
- Phase Rotation Testers
- Proving Units
- Socket Testers
- Thermometers & Probes
- Test Leads
- Voltage Indicators
- Specialist Metrohm Testers (4 & 5kV)
- Specialist Drummond Testers

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