

## Digitron 2029T Digital Thermometer (Types K, T, J, N, R, S) with optional probes



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

**PLEASE NOTE: Lead time will be 7-10 working days when choosing calibration**

The rugged 2029T provides precise, stable readings and high accuracy even in the harshest of environments. Optional coloured rubber boots add protection and style to these multi-functional instruments.

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**Optional Mineral Insulated Thermocouple probes available for a system calibration**

[Mineral Insulated Thermocouple with Miniature Plug IEC - Types K,J,T,N](#)

[Mineral Insulated Thermocouple with Standard Plug IEC - Types K,J,T,N](#)

[Fast Response \(0.5mm diameter\) Mineral Insulated Thermocouple with Threaded Pot & PFA IEC Tails - Type K](#)

[Mineral Insulated Thermocouple with Plain Pot Seal and 1m of PFA Insulated IEC Lead - Types K,J,T,N](#)

[Mineral Insulated Thermocouple with Threaded Pot and 100mm of PFA insulated Twin Twisted IEC lead - Types K,J,T,N](#)

[Fast Response \(0.5mm diameter\) Mineral Insulated Thermocouple with Miniature IEC Plug - Type K](#)

**Calibration options**

Calibration can be performed to approved recognised standards (National and International) or may simply constitute checking procedures on an "in-house" basis. Temperature calibration has many facets, it can be carried out thermally in the case of probes or electrically (simulated) in the case of instruments and it can be performed directly with certified equipment or indirectly with traceable standards.

**Calibration Type**

**Probes Required for**

**'Simulated Calibration'**

**Probes Required for**

**'System Calibration'****3 points (single channel)**

fixed @ 0, 100, 200°C

**0**

**1**

**5 points (single channel)**

fixed @ 0, 50, 100, 150, 200°C

**0**

**1**

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**Specifications**

<b>Product Code</b>	XE-3992-BUNDLE
<b>General Description</b>	Provides precise, stable readings and high accuracy even in the harshest of environments. Unit is simple to operate, fast, reliable and built to last. In this unique range we can offer advanced features such as speed read, logging and dual input instruments
<b>Accuracy</b>	0.1% rdg $\pm 0.2^{\circ}\text{C}/0.4^{\circ}\text{F}$ above $-100^{\circ}\text{C}/-148^{\circ}\text{F}$ 0.5% rdg $\pm 0.2^{\circ}\text{C}/0.4^{\circ}\text{F}$ below

<b>Connector Type</b>	Connector Type: 2 pin mini
<b>Dimensions</b>	155 x 67 x 40mm/6.1 x 2.6 x 1.6"
<b>Max. Temperature</b>	50°C (122°F)
<b>Min. Temperature</b>	-10°C (14°F)
<b>Weight</b>	180g / 6.4oz
<b>Power Consumption</b>	Battery Life: Typically 500 hours. Low Battery Check: Symbol appears on display
<b>Power Supply</b>	Two AA or equivalent cells (not supplied)
<b>Standards Met</b>	Environmental Specifications: IP65 (IP67 optional)
<b>Thermocouple Type</b>	Sensor Type: K, T, J, N, R/S
<b>Resolution of data display</b>	0.1° from -199.9°C to +199.9°C/-199.9°F to +392.0°F 1°C elsewhere