

IEC Type K General Purpose Thermocouple Kit with Extension Lead

XE-0038-001



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockists of Thermocouple Cables. The Company has been trading since 1971 and is ISO 9001 accredited.

The IEC Type K General Purpose Thermocouple Kit with Extension Lead — your ready-to-go solution for accurate temperature monitoring across a wide range of applications. Whether you're in HVAC, process control, R&D or maintenance, this kit gives you everything you need.

What you'll get:

- A high-performance GM1312 digital thermometer supporting Type K, J, T, E, N, R and S thermocouples. Featuring 0.1°C / 0.1°F resolution and a wide range from – 200 °C to +1372 °C (for Type K).
- A Type K IEC PVC extension lead (2 m length, flexible and insulated) with miniature plug & socket — perfect for extending measurement reach and simplifying probe connection.
- Three interchangeable Type K probes with miniature plugs:
 - 3.0 mm × 100 mm general-purpose thermocouple (-40 °C to +1100 °C)
 - 4.0 mm × 110 mm air-probe thermocouple (up to +250 °C)
 - 3.3 mm × 110 mm needle-tip thermocouple (-50 °C to +260 °C)
- An exposed-junction Type K thermocouple (1 m length) — ideal for fast response or irregular surface contact measurements.
- Supplied in a robust carry case for convenient storage and transport.

Why choose this kit?

- Versatility — with multiple probe types and a full thermometer, you're ready for a wide variety of temperature-measurement tasks.
- Accuracy & range — the GM1312 thermometer's wide range and high resolution mean you're covered from extreme cold to very high heat.
- Plug-and-play setup — the miniature plug & socket system plus extension lead save you time and hassle in the field.
- Transportable — the included carry case makes it easy to bring to site, laboratory or plant.
- Economical pack — instead of ordering probes, leads and meter separately, this all-in-one kit simplifies purchasing and deployment.

Ideal for:

Maintenance engineers, test labs, process technicians, HVAC contractors, calibration houses — anyone needing reliable thermocouple measurement quickly.

Specifications

	GM1312 General Purpose Digital Thermometer (K,J,T,E,N,R/S) - Resolution: 0.1°C or 0.1°F - Accuracy: $\pm 0.4^{\circ}\text{C} \pm 1\%$ -200°C to 1372°C (Type K) - Relative Humidity: 0-70% RH
	Type K PVC Extension Leads with Miniature Plug & Socket 2m PVC Cable with miniature plug & socket termination - Good general purpose insulation for 'light' environments. Waterproof and very flexible. - Allows easy connection of probes
	General Purpose Thermocouple with Miniature Plug Type K IEC 3.0mm x 100mm - Probe temperature range: -40°C to +1100°C.
	Air Probe Thermocouple with Miniature type Plug Type K IEC 4.0mm x 110mm - Maximum Temperature: 250°C
	Needle Tip Thermocouple with Miniature Plug Type K IEC 3.3mm x 110mm - Probe temperature range: -50°C to +260°C
	Exposed Junction thermocouple with Miniature Plug Type K IEC 1/0.3mm Conductors 1M length. - Insulation rating: -75°C to 260°C

Thermocouple Kits available from Labfacility

All three kits are supplied complete with a GM1312 digital thermometer, three interchangeable probes (general-purpose, air probe, and needle-tip), an exposed-junction thermocouple, and a matching thermocouple extension lead.

They provide a convenient, ready-to-use temperature-measurement solution across a wide range of applications.

IEC Type K General Purpose Thermocouple Kit	IEC Type J General Purpose Thermocouple Kit	ANSI Type K General Purpose Thermocouple Kit
		
XE-0038-001	XE-0047-001	XE-0039-001



ISO 9001

**The world's most
widely recognised
Quality Management
System (QMS)**

Labfacility operates to the rigorous standards of ISO 9001, the world's most widely recognised Quality Management System.

As part of the ISO 9000 family, this framework underpins Labfacility's commitment to consistently meeting customer expectations and delivering products that align with the highest quality benchmarks.

By following these established principles, Labfacility ensures its processes remain efficient, reliable, and focused on continuous improvement—reinforcing trust and confidence across its global customer base.

