



# Mineral Insulated General Purpose Temperature Probe

Type T IEC 1.5mm x 300mm

XE-3811-001



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 Labfacility Handheld Mineral Insulated General Purpose Temperature Probe offers exceptional versatility for challenging temperature-measurement scenarios. With a 1.5 mm diameter by 300 mm length mineral-insulated sheath, this Type T (IEC) thermocouple probe features a rounded tip design that's ideal for semi-solid and liquid media. Supplied with a 2 metre coiled cable and miniature thermocouple plug, it ensures convenient handheld or handheld-mounted deployment.

Its semi-flexible construction allows bending or shaping for hard-to-reach locations, and with a maximum rated temperature of +850 °C, it's well-suited for molten-metal, corrosive material and other demanding environments. RoHS-compliant, it provides a reliable, compact solution for general-purpose industrial temperature measurement.

## Specifications

<b>General Description</b>	Rounded tip suitable for semi solid and liquid temperature measurement
<b>Series</b>	Temperature Probe
<b>Thermocouple Type</b>	T IEC
<b>Probe Diameter</b>	1.5mm
<b>Probe Length</b>	300mm
<b>Cable Length</b>	2m Coiled Cable
<b>Termination Type</b>	Fitted mini plug
<b>Max. Temperature</b>	+850°C

## Ordering Information

Colour Code	Thermocouple Type	Probe Style/Tip	Probe Dimensions	Part Number
IEC	T	General Purpose	1.5 x 300mm	XE-3811-001

See below for full range:

# Datasheet

Colour Code	Thermocouple Type	Probe Style/Tip	Probe Dimensions	Part Number
IEC	K	Air	4 x 110mm	XE-3800-001
IEC	T	Air	4 x 110mm	XE-3801-001
IEC	K	Air	30 x 120mm	XE-3845-001
IEC	T	Air	30 x 120mm	XE-3846-001
IEC	K	Flat	4 x 140mm	XE-3848-001
IEC	T	Flat	4 x 140mm	XE-3849-001
IEC	K	General Purpose	1.5 x 100mm	XE-3806-001
IEC	T	General Purpose	1.5 x 100mm	XE-3807-001
IEC	T	General Purpose	3 x 100mm	XE-3809-001
IEC	K	General Purpose	1.5 x 300mm	XE-3810-001
IEC	T	General Purpose	1.5 x 300mm	XE-3811-001
IEC	K	General Purpose	3 x 300mm	XE-3812-001
IEC	T	General Purpose	3 x 300mm	XE-3813-001
IEC	K	General Purpose	6 x 120mm	XE-3814-001
IEC	T	General Purpose	6 x 120mm	XE-3815-001
ANSI	K	General Purpose	1.5 x 100mm	XE-3855-001
ANSI	T	General Purpose	1.5 x 100mm	XE-3856-001
ANSI	T	General Purpose	1.5 x 300mm	XE-3858-001
ANSI	K	General Purpose	3 x 100mm	XE-3859-001
ANSI	T	General Purpose	3 x 100mm	XE-3860-001
ANSI	K	General Purpose	3 x 300mm	XE-3861-001
ANSI	T	General Purpose	3 x 300mm	XE-3862-001
IEC	K	Penetration	3.3 x 120mm	XE-3802-001
IEC	T	Penetration	3.3 x 120mm	XE-3803-001
IEC	K	Penetration	3.3 x 300mm	XE-3804-001
IEC	T	Penetration	3.3 x 300mm	XE-3805-001
IEC	K	Penetration	1.6 x 60mm	XE-3850-001
IEC	K	Penetration (reduced tip)	3.3 x 120mm	XE-3852-001
IEC	T	Penetration (reduced tip)	3.3 x 120mm	XE-3853-001
ANSI	K	Penetration	1.6 x 60mm	XE-3863-001
ANSI	T	Penetration	1.6 x 60mm	XE-3864-001
ANSI	K	Penetration	3.3 x 120mm	XE-3865-001
ANSI	T	Penetration	3.3 x 120mm	XE-3866-001
ANSI	K	Penetration	3.3 x 300mm	XE-3867-001
ANSI	T	Penetration	3.3 x 300mm	XE-3868-001
ANSI	K	Penetration	6 x 120mm	XE-3869-001
ANSI	T	Penetration	6 x 120mm	XE-3870-001
ANSI	T	Penetration	6 x 300mm	XE-3872-001
IEC	K	Surface	Spring Loaded K	XE-3816-001
IEC	K	Surface	Right Angled - Copper Disc Tip	XE-3817-001
IEC	K	Surface	90mm long with 10mm tip	XE-3818-001
IEC	K	Surface	Right Angled Surface	XE-3819-001
IEC	K	Surface	170mm	XE-3840-001



## 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.

