

Between Pack / Flat Food Temperature Probe - Type K IEC 4.0mm x 140mm

XE-3848-001



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 Between-Pack / Flat Food Temperature Probe is designed for accurate and efficient temperature measurement in food packaging and flat-product layouts. Featuring a single-element, grounded junction Type K (IEC) thermocouple housed in a 4.0 mm diameter by approximately 140 mm length probe, it delivers quick response times in applications where surface contact and minimally invasive penetration are required.

A 2 metre polyurethane cable with a moulded miniature thermocouple plug ensures immediate compatibility with instrumentation, while the probe supports measurement ranges from -50 °C up to +260 °C. RoHS compliant, this handy handheld probe is ideal for between-pack temperature checks, flat food product monitoring and quality control in packaging lines.

Specifications

General Description	Handheld Between Pack/Flat Food Probe
Series	Temperature Probe
Thermocouple Type	K IEC
Thermocouple Junction	Single element, grounded junction offering fast response.
Probe Diameter	4.0mm
Probe Length	140mm approximately below the handle
Cable Length	2m (extended)
Cable Type	Polyurethane
Cable Termination	Moulded on miniature plug
Max. Temperature	+260°C
Min. Temperature	-50°C
Standards Met	IEC 584

Ordering Information

Colour Code	Thermocouple Type	Probe Style/Tip	Probe Dimensions	Part Number
IEC	K	Flat	4 x 140mm	XE-3848-001

See below for full range:

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.

