Moving Air Temperature Probe

Type T IEC 30mm x 120mm

XE-3846-001

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.

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The Labfacility Handheld Moving Air Probe features a robust stainless-steel 30 mm diameter sheath of 120 mm length combined with a funnelled air-shield design to maximise airflow across the measuring junction, making it ideal for accurate measurement of moving air and gas streams. Equipped with a Type T (IEC) thermocouple, the probe is supplied with a 2 metre coiled extension cable terminated with a miniature thermocouple plug, enabling ready-to-use connectivity in handheld or mounted applications.

Manufactured compliant with RoHS, this probe is suited for HVAC monitoring, environmental air-flow assessment, process ventilation checks and other dynamic air-temperature measurement tasks.

Specifications

General Description	Handheld Moving Air Probe, Ideal for the measurement of air and gases. Funnelled shield allows for maximum airflow across measuring junction
Series	Temperature Probe
Thermocouple Type	T
Calibration	IEC
Probe Diameter	30mm
Probe Length	120mm
Sheath Material	Stainless steel sheath
Cable Length	2m Coiled Cable
Cable Termination	Fitted Plug

Ordering Information

Colour Code	Thermocouple Type	Probe Style/Tip	Probe Dimensions	Part Number
IEC	T	Air	30 x 120mm	XE-3846-001

See below for full range:

Datasheet

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TEMPERATURE & PROCESS TECHNOLOGY

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.