Probes

Thermistor Probes (Temperature)

- Compatible with all EasyLog thermistor probe data loggers listed below
- Variety of measurement ranges covering -40 to +125 °C temperature range

Lascar's range of thermistor probes are suitable for use with all EasyLog thermistor probe data loggers. They incorporate high accuracy thermistor temperature sensing elements encapsulated in a sealed stainless steel end-cap.
The probes can be used in a wide range of applications including manufacturing processes, cold and hot storage and environmental monitoring. A thin and flexible connection cable makes the probes suitable for use within a closed measurement environment e.g. refrigerator, incubator etc.

EL-P-TP

Standard thermistor probe to get you started

- -40 to 125 °C (-40 to 257 °F) measurement range
- Accuracy of ±0.5ºC (-10 to 70 °C), ±1.0ºC (-40 to 125 °C)
- 5mm diameter, 25mm length stainless steel capped isolated probe on 1m cable.



For use with:

EL-USB-TP-LCD
EL-GFX-DTP
EL-WiFi-TP
EL-21CFR-TP-LCD
EL-WiFi-21CFR-TP
EL-SMS-2G-TP
EL-SGD 43-ATP
EL-SGD 70-ATP

EL-P-TP+

High accuracy thermistor probe

- -40 to 125 °C (-40 to 257 °F) measurement range
- Accuracy of ±0.1ºC (-10 to 70 °C), ±0.3ºC (-40 to 125
- 5mm diameter, 75mm length stainless steel capped, isolated probe on 3m cable.



For use with:

EL-USB-TP-LCD+
EL-GFX-DTP+
EL-WiFi-TP+
EL-WiFi-DTP+
EL-21CFR-TP-LCD+
EL-WIFI-21CFR-TP+
EL-WIFI-21CFR-DTP+
EL-SMS-2G-TP+

EL-P-VAC

High accuracy vaccine temperature probe

- -40 to 60 °C (-40 to 140 °F) measurement range
- Accuracy of ±0.1ºC (-10 to 60 °C), ±0.3ºC (-40 to 60 °C)
- 40 minute T90 response*
- Glycol filled bottle with 3m cable

*Based on response to a step temperature change of -10 to 21 °C



For use with:

EL-USB-VAC
EL-GFX-VAC-2
EL-SMS-2G-VAC
EL-WiFi-VAC
EL-WiFi-VAC2
EL-21CFR-VAC
EL-WiFi-21CFR-VAC
EL-WiFi-21CFR-VAC2

Smart Probes

Lascar's smart probe technology eliminates down time due to calibration testing. No need to send your data logger away for testing. Simply order a pre-calibrated smart probe and swap the new probe for your old one.

EL-P-VACX

High accuracy smart vaccine temperature probe

- -40 to +60°C (-40 to +140°F) measurement range
- Accuracy of ±0.1ºC (-10 to 60°C), ±0.3ºC (-40 to 60°C)
- Glycol filled bottle with 3m cable



For use with:

EL-WIFI-VACX

EL-P-TPX+

High accuracy smart temperature probe

- -40 to +125°C (-40 to +257°F) measurement range
- ±0.2/±0.4 (-15 to +80˚C / +5 to +176˚F) ±0.6/±1.1 (-40 to +125˚C / -40 to +257˚F)
- 75mm stainless steel capped, 3m cable



For use with:

EL-WIFI-TPX+

EL-PROBE-EXTENDER

A choice of 1.5m, 3m, 5m or 10m extender cables for all probes

- Male 3.5mm Jack to Female 3.5mm Socket
- Gold plated connections to limit signal loss



For use with:

EL-P-TP
EL-P-TP+
EL-P-VAC
EL-P-VACX
EL-P-TPX+
EL-USB-TP-LCD
EL-GFX-DTP
EL-WiFi-TP
EL-21CFR-TP-LCD
EL-WiFi-21CFR-TP
EL-SMS-2G-TP
EL-SGD 43-ATP
EL-SGD 70-ATP

EL-MOTE-P-TP

Temperature thermistor probe

- -40 to +125˚C (-40 to +257˚F) measurement range
- Accuracy of ±0.8 (-15 to +70˚C) ±1.5 (-40 to +125˚C)
- 75mm stainless steel capped, 3m cable



For use with:

EL-MOTE-TP
EL-MOTE-TP+
EL-MOTE-DTP
EL-MOTE-DTP+

EL-MOTE-P-TP+

High accuracy temperature thermistor probe

- -40 to +125˚C (-40 to +257˚F) measurement range
- Accuracy of ±0.2 (-15 to +80˚C) ±0.6 (-40 to +125˚C)
- 5mm diameter, 75mm stainless steel capped, 3m cable



For use with:

EL-MOTE-TP
EL-MOTE-TP+
EL-MOTE-DTP
EL-MOTE-DTP+

EL-MOTE-P-T

Temperature thermistor probe

- -20 to +60˚C (-4 to +140˚F) measurement range
- Accuracy of ±0.5 (-20 to +60˚C)



For use with:

EL-MOTE-T

EL-MOTE-P-T+

High accuracy temperature thermistor probe

- -20 to +60˚C (-4 to +140˚F) measurement range
- Accuracy ±0.15 (0 to +60˚C) ±0.21 (-20 to +60˚C)



For use with:

EL-MOTE-T+

Thermocouple Probes (High & low temperature ranges)

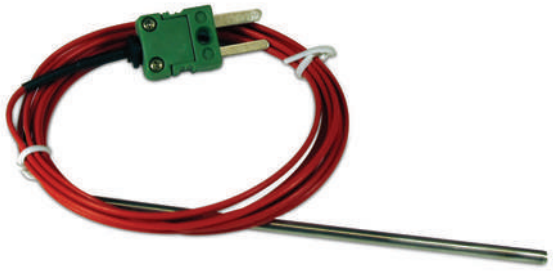
- Compatible with all EasyLog thermocouple data loggers listed below
- Mini-thermocouple type connector
- Variety of measurement ranges covering -100 to 700°C (-148 to 1292°F)

Lascar's range of EasyLog thermocouple data loggers are designed to work with K, J and T-Type thermocouples fitted with a mini-thermocouple type connector. Your particular application will determine which probe is most suitable based on temperature range, accuracy, form and price. For specialist applications or advice, please contact your EasyLog distributor.

EL-P-TC-K

Basic thermocouple probe to get you started

- 0 to 200°C (32 to 392°F) measurement range
- Accuracy of ±2.5ºC (±4.5ºF)
- 3mm diameter, 100mm stainless steel isolated probe on 1.5mm cable.



For use with:

EL-USB-TC
EL-USB-TC-LCD
EL-GFX-TC
EL-GFX-DTC
EL-WiFi-TC
EL-WiFi-DTC
EL-21CFR-TC
EL-WiFi-21CFR-TC
EL-WiFi-21CFR-DTC
WA-PRO-TC

EL-P-TC-K-SPIKE

High accuracy temperature probe with a wide measurement range

- -100 to 700°C (-148 to 1292°F) measurement range
- Accuracy of ±1.5°C (±3°F)**
- 3.3mm diameter stainless steel isolated probe on 125m cable

** Over -40 to 375°C range



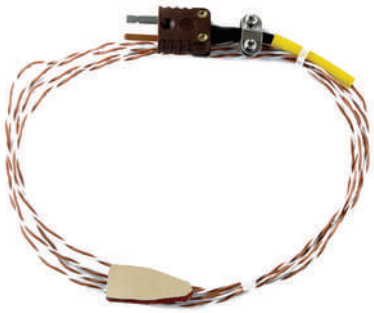
For use with:

EL-USB-TC
EL-USB-TC-LCD
EL-GFX-TC
EL-GFX-DTC
EL-WiFi-TC
EL-WiFi-DTC
EL-21CFR-TC
EL-WiFi-21CFR-TC
EL-WiFi-21CFR-DTC
WA-PRO-TC

EL-P-TC-T-SURFACE

Silicone Rubber patch thermocouple

- -50 to 150°C (-58 to 302°F) Measurement range
- Accuracy of ±0.5°C
- 30 x 14 x 3.4mm Patch on 1.5m cable



For use with:

EL-USB-TC
EL-USB-TC-LCD
EL-GFX-TC
EL-GFX-DTC
EL-WiFi-TC
EL-WiFi-DTC
EL-21CFR-TC
EL-WiFi-21CFR-TC
EL-WiFi-21CFR-DTC
WA-PRO-TC

EL-SP-TC

Smart thermocouple probe including EL-P-TC-K

- Temperature measurement range of -200 to +1300°C (-328 to +2372°F). The K-type probe provided with the product measures between 0 to +200°C (+32 to +392°F) and other electrically isolated thermocouple probes can be used.
- Accuracy of ±1ºC (±2ºF) + Probe error
- 3mm diameter, 100mm stainless steel isolated probe on 1.5m cable
- Compatible with all K, J & T type thermocouples for extended range*



* Probe tips must be kept electrically isolated. If metal sheathed probes are used, check thet the sheath is isolated from the probe junction. If it is not or you are using an unsheathed probe, ensure that the probe tip is insulated.

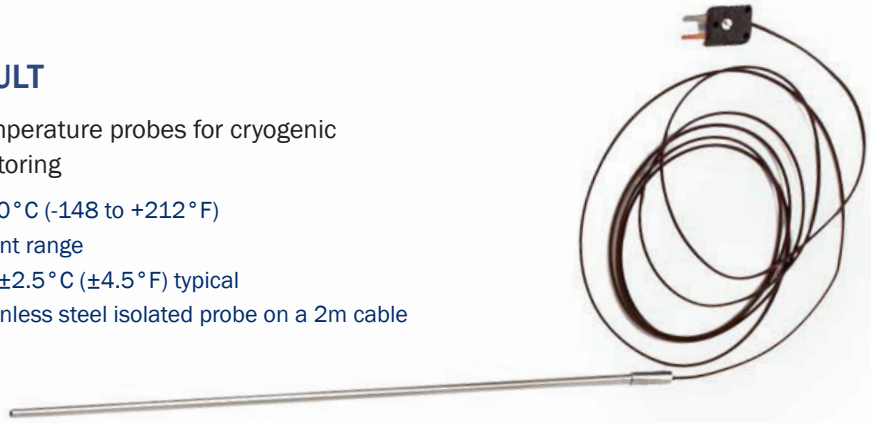
For use with:

EL-MOTE-TC
EL-MOTE-DTC
EL-IOT-TC
EL-SIE-TC
WA-PRO-TC
WA-PRO-ULT
WA-PRO-ULT+

EL-P-TC-T-ULT

Ultra Low Temperature probes for cryogenic vaccine monitoring

- -100 to +100°C (-148 to +212°F) measurement range
- Accuracy of ±2.5°C (±4.5°F) typical
- 150mm stainless steel isolated probe on a 2m cable



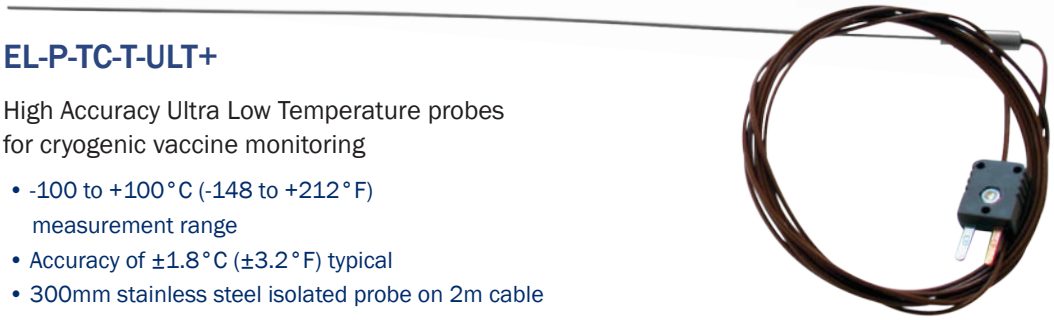
For use with:

EL-USB-ULT
EL-USB-ULT-LCD
EL-21CFR-USB-ULT
EL-WiFi-ULT
EL-WiFi-DULT
EL-21CFR-WiFi-ULT
EL-21CFR-WiFi-DULT
EL-MOTE-ULT
EL-MOTE-DULT
EL-IOT-ULT
EL-SIE-ULT
WA-PRO-ULT

EL-P-TC-T-ULT+

High Accuracy Ultra Low Temperature probes for cryogenic vaccine monitoring

- -100 to +100°C (-148 to +212°F) measurement range
- Accuracy of ±1.8°C (±3.2°F) typical
- 300mm stainless steel isolated probe on 2m cable



For use with:

EL-USB-ULT+
EL-USB-ULT-LCD+
EL-21CFR-USB-ULT+
EL-WiFi-ULT+
EL-WiFi-DULT+
EL-21CFR-WiFi-ULT+
EL-21CFR-WiFi-DULT+
EL-MOTE-ULT+
EL-MOTE-DULT+
EL-IOT-ULT+
EL-SIE-ULT+
WA-PRO-ULT+

Temperature and Humidity Probe

EL-SP-TH

Temperature and humidity probe

- -30 to +80ºC (-22 to +176ºF) temperature measurement range
- Temperature accuracy of ±0.3 (+5 to +60ºC) ±0.8 (-20 to +60ºC)
- 0 to 100%RH humidity range
- Humidity accuracy of ±2%RH (20 to 80%RH) at 25ºC
- 2m cable



For use with:

EL-MOTE-TH
EL-IOT-TH
EL-SIE-TH

EL-SP-TH+

High accuracy temperature and humidity probe

- -30 to +80ºC (-22 to +176ºF) temperature measurement range
- Temperature accuracy of ±0.2 (+5 to +60ºC) ±0.8 (-20 to +60ºC)
- 0 to 100%RH humidity range
- ±1.8%RH (20 to 80) ±4%RH (0 to 100) humidity accuracy at 25ºC
- 2m cable



For use with:

EL-MOTE-TH+
EL-IOT-TH+
EL-SIE-TH+

EL-GFX-SP-2

Temperature and humidity probe

- -30°C to 80°C (-22°F to 176°F) temperature measurement range
- 0 to 100%RH humidity measurement range
- 2m cable



For use with:

EL-GFX-D2