

# EL-MOTE ACCESSORIES



## Stub Temperature Probes

These short thermistor probes are useful in applications where monitoring of ambient air temperature is required. The probe is available in standard or high accuracy versions. For use with EL-MOTE-T and EL-MOTE T+ model types.



| EL-MOTE-P-T             | Minimum                                   | Typical | Maximum                                | Unit                       |
|-------------------------|-------------------------------------------|---------|----------------------------------------|----------------------------|
| Range                   | -20 to +60 (-4 to +140)                   |         |                                        | °C (°F)                    |
| Resolution <sup>1</sup> | 0.1 (0.1)                                 |         |                                        | °C (°F)                    |
| Accuracy                |                                           |         | ±0.5 (-20 to +60)<br>(±1 (-4 to +140)) | °C (range)<br>(°F (range)) |
| Probe Length            | Probe extends 15 (0.6) beyond logger body |         |                                        | mm (inches)                |

| EL-MOTE-P-T+            | Minimum                                   | Typical                                  | Maximum                                  | Unit                       |
|-------------------------|-------------------------------------------|------------------------------------------|------------------------------------------|----------------------------|
| Range                   | -20 to +60 (-4 to +140)                   |                                          |                                          | °C (°F)                    |
| Resolution <sup>1</sup> | 0.01 (0.01)                               |                                          |                                          | °C (°F)                    |
| Accuracy                |                                           | ±0.15 (0 to +60)<br>(±0.3 (+32 to +140)) | ±0.21 (-20 to +60)<br>(±0.4 (-4 to +60)) | °C (range)<br>(°F (range)) |
| Probe Length            | Probe extends 15 (0.6) beyond logger body |                                          |                                          | mm (inches)                |

## External Thermistor Temperature Probes

These thermistor probes use with EL-MOTE-TP, EL-MOTE-TP+, EL-MOTE-DTP and EL-MOTE-DTP+ model types.



| EL-MOTE-P-TP            | Minimum                   | Typical                                  | Maximum                                    | Unit                       |
|-------------------------|---------------------------|------------------------------------------|--------------------------------------------|----------------------------|
| Range                   | -40 to +125 (-40 to +257) |                                          |                                            | °C (°F)                    |
| Resolution <sup>1</sup> | 0.1 (0.1)                 |                                          |                                            | °C (°F)                    |
| Accuracy                |                           | ±0.8 (-15 to +70)<br>(±1.5 (+5 to +158)) | ±1.5 (-40 to +125)<br>(±3.0 (-40 to +257)) | °C (range)<br>(°F (range)) |
| Probe Length            | 75 (3)                    |                                          |                                            | mm (inches)                |
| Cable Length            | 3000 (118)                |                                          |                                            | mm (inches)                |

| EL-MOTE-P- TP+          | Minimum                   | Typical                                  | Maximum                                    | Unit                       |
|-------------------------|---------------------------|------------------------------------------|--------------------------------------------|----------------------------|
| Range                   | -40 to +125 (-40 to +257) |                                          |                                            | °C (°F)                    |
| Resolution <sup>1</sup> | 0.01 (0.01)               |                                          |                                            | °C (°F)                    |
| Accuracy                |                           | ±0.2 (-15 to +80)<br>(±0.4 (+5 to +176)) | ±0.6 (-40 to +125)<br>(±1.1 (-40 to +257)) | °C (range)<br>(°F (range)) |
| Probe Length            | 75 (3)                    |                                          |                                            | mm (inches)                |
| Probe Length            | 3000 (118)                |                                          |                                            | mm (inches)                |

## Temperature & Humidity Probes

These external probes are for applications where a humidity and temperature measurement is required. The probe is available in standard or high accuracy versions. For use with EL-MOTE-TH and EL-MOTE-TH+ only.



| EL-SP-TH                            | Minimum                       | Typical                                  | Maximum                                  | Unit                       |
|-------------------------------------|-------------------------------|------------------------------------------|------------------------------------------|----------------------------|
| Temperature Range                   | -30 to +80 (-22 to +176)      |                                          |                                          | °C (°F)                    |
| Temperature Resolution <sup>1</sup> | 0.1 (0.1)                     |                                          |                                          | °C (°F)                    |
| Temperature Accuracy                |                               | ±0.3 (+5 to +60)<br>(±0.6 (+41 to +140)) | ±0.8 (-20 to +60)<br>(±1.6 (-4 to +140)) | °C (range)<br>(°F (range)) |
| Humidity Range                      | 0 to 100                      |                                          |                                          | %RH                        |
| Humidity Resolution                 | 1                             |                                          |                                          | %RH                        |
| Humidity Accuracy (@25°C)           |                               | ±2 (20 to 80)                            | ±5 (0 to 100)                            | %RH                        |
| Probe Dimensions (Without Bracket)  | 37 x 12 x 8 (1.5 x 0.5 x 0.3) |                                          |                                          | mm (inches)                |
| Cable Length                        | 2000 (79)                     |                                          |                                          | mm (inches)                |

<sup>1</sup> Data will be stored on the EasyLog Cloud to this resolution.

| EL-SP-TH+                           | Minimum                       | Typical                                  | Maximum                                  | Unit                       |
|-------------------------------------|-------------------------------|------------------------------------------|------------------------------------------|----------------------------|
| Temperature Range                   | -30 to +80 (-22 to +176)      |                                          |                                          | °C (°F)                    |
| Temperature Resolution <sup>1</sup> | 0.01 (0.02)                   |                                          |                                          | °C (°F)                    |
| Temperature Accuracy                |                               | ±0.2 (+5 to +60)<br>(±0.4 (+41 to +140)) | ±0.8 (-20 to +60)<br>(±1.6 (-4 to +140)) | °C (range)<br>(°F (range)) |
| Humidity Range                      | 0 to 100                      |                                          |                                          | %RH                        |
| Humidity Resolution                 | Resolution * 0.1              |                                          |                                          | %RH                        |
| Humidity Accuracy (@25°C)           |                               | ±1.8 (20 to 80)                          | ±4 (0 to 100)                            | %RH (%RH)                  |
| Probe Dimensions (Without Bracket)  | 37 x 12 x 8 (1.5 x 0.5 x 0.3) |                                          |                                          | mm (inches)                |
| Cable Length                        | 2000 (79)                     |                                          |                                          | mm (inches)                |

## External Smart Thermocouple Temperature Probes

These smart thermocouple probes are for applications where a wide temperature range is required. For use with EL-MOTE-TC and EL-MOTE-DTC only.



| EL- SP-TC               | Minimum              | Typical                           | Maximum | Unit                       |
|-------------------------|----------------------|-----------------------------------|---------|----------------------------|
| Range                   | 0 to 200 (32 to 392) |                                   |         | °C (°F)                    |
| Resolution <sup>1</sup> | 0.1 (0.2)            |                                   |         | °C (°F)                    |
| Accuracy*               |                      | ±1 (0 to 200)<br>(±2 (32 to 392)) |         | °C (range)<br>(°F (range)) |
| Probe Length            | 100 (3.9)            |                                   |         | mm (inches)                |
| Cable Length            | 1500 (59)            |                                   |         | mm (inches)                |

\*Probe tips must be kept electrically isolated. If metal sheathed probes are used, check that 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.

## External Temperature Probe in Glycol Bottle for Vaccine Monitoring

The EL-SP-VAC probe has been designed to monitor vaccine storage. The glycol bottle acts as a temperature buffer to replicate how refrigerated and frozen vaccines change in temperature. For use with EL-MOTE-VAC model types.



| EL- SP-VAC              | Minimum                   | Typical                                  | Maximum                                    | Unit                       |
|-------------------------|---------------------------|------------------------------------------|--------------------------------------------|----------------------------|
| Range                   | -40 to +125 (-40 to +257) |                                          |                                            | °C (°F)                    |
| Resolution <sup>1</sup> | 0.01 (0.01)               |                                          |                                            | °C (°F)                    |
| Accuracy                |                           | ±0.2 (-15 to +80)<br>(±0.4 (+5 to +176)) | ±0.6 (-40 to +125)<br>(±1.1 (-40 to +257)) | °C (range)<br>(°F (range)) |

## Other Accessories



| Power Supply | Product Description                                                       | Cable Length | Input        | Output |
|--------------|---------------------------------------------------------------------------|--------------|--------------|--------|
| EL-MOTE-PSU  | Power Supply with 4 interchangeable plugs including UK, US, EU and AU/NZ. | 1 Metre      | 100-240 V ac | 9 V dc |



| Wall Bracket         | Product Description                                                                                                                                                                                                                                                        | Dimensions      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| EL-MOTE-WALL-BRACKET | White plastic wall bracket which attaches to the back of your EL-MOTE device, and can attach your EL-MOTE device to the wall using the affixed sticky pad or alternatively can be screwed into the wall through the screw holes in the wall bracket (screws not provided). | H 82mm x W 80mm |

<sup>1</sup> Data will be stored on the EasyLog Cloud to this resolution.