

## Therma Hygrometer and Thermometer



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

Dew point calculation & max/min function

Fixed remote %rh & temperature probe

2 year guarantee

The British Made low cost 6500 therma-hygrometer measures both relative humidity and air temperature. The instrument displays %rh over the range of 0 to 100%rh with a resolution of 0.1 %rh and temperature over the range of -20 to 70 °C with a resolution of 0.1 °C.

**ATTENTION HUMIDITY SENSOR** The Humidity Sensors housed in these products are susceptible to contamination from pollutants such as solvents and exposure to saturated air and therefore are not covered under the 2 year warranty. Furthermore it is expected that the sensor's readings will drift by up to 0.5% per year.

### Specifications

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<b>Product Code</b>	XE-3985-001
<b>General Description</b>	The 6500 therma-hygrometer incorporates a clear custom LCD with °C, %rh, max/min, hold and dew point indication. An auto power-off facility turns the instrument off after 10 minutes' non-use.
<b>Accuracy</b>	Temperature: $\pm 1$ °C over the range 5 to 45 °C otherwise $\pm 1.7$ °C Humidity: $\pm 3\%$ (20 to 80 %rh)
<b>Resolution</b>	Temperature: 0.1°C/°F Humidity: 0.1%rh
<b>Dimensions</b>	25 x 56 x 128mm
<b>Max. Temperature</b>	70°C
<b>Min. Temperature</b>	-20°C
<b>Weight</b>	160 grams
<b>Power Supply</b>	3 x 1.5-volt AAA. Battery life: 10000 hours



**Sensor Type**

temperature: silicone bandgap – humidity: capacitance polymer