

- High accuracy $\pm 2\% \text{rh}$ & $\pm 1^\circ \text{C}$
- Remote or integral $\% \text{rh}$ & temperature probe
- Displays max/min humidity or temperature
- Dew point indication

The 6000 series therma-hygrometers are easy-to-use, relative humidity and air temperature measuring instruments. The units measure $\% \text{rh}$ over the range of 0 to 100 $\% \text{rh}$ with a resolution of 0.1 $\% \text{rh}$ and temperature over the range of -20 to 70 $^\circ \text{C}$ (-20 to 50 $^\circ \text{C}$ with a fixed probe) with a resolution of 0.1 $^\circ \text{C}$.

The therma-hygrometers incorporate a custom LCD, displaying $\% \text{rh}$, $^\circ \text{C}/^\circ \text{F}$, dew point indication, max/min and hold. There is an automatic display of both open circuit and low battery. The 6000/6100 display the temperature and humidity at the push of a button separately, whereas the 6002/6102 display humidity and temperature simultaneously and additionally incorporates a backlit display.

All units are powered by three AAA batteries with a minimum life expectancy of 10,000 hours. An auto-power-off facility turns the therma-hygrometer off automatically after ten minutes, maximising battery life.

6100/6102 therma-hygrometers with remote probe

The 6000 series hygrometer has an integral humidity and temperature sensor. The 6100 has a wired humidity and temperature sensor. If you select the 02 version, you will see both temperature and humidity simultaneously on the LCD display.

Optional UKAS Certificate of Calibration

An optional three-point UKAS Humidity Calibration Certificate is available at preferential price when purchased with these units.



NEW

Sintered brass nickel plated probe (224-618)

This product prevents dust from reaching the sensor, reducing contamination. It is suitable for use in harsh environments.



Order code	Description
224-600	6000 therma-hygrometer
224-610	6100 therma-hygrometer
224-602	6002 therma-hygrometer
224-612	6102 therma-hygrometer
224-618	Sintered probe for 6100/6102
224-617	6100/6102 spare probe
830-227	Protective silicone cover - black
890-111	UKAS 3-point Certificate
6100/6102 are supplied inclusive of probe	

Specification	Temperature	Humidity
Range - 6000/6002	-20 to 50 °C	0 to 100 %rh
Range - 6100/6102	-20 to 70 °C	0 to 100 %rh
Resolution	0.1 °C/°F	0.1 %rh
Accuracy	±1 °C ±1 digit*	±2 %rh (10 to 90 %rh)
Hysteresis	N/A	±1 %rh
Sensor type	Silicon bandgap	Capacitance polymer
Battery & life	3 x 1.5 volt AAA - 10,000 hours	
Display	12 mm LCD	
Dimensions	25 x 56 x 128 mm	
Weight	130/160 grams	
*Accuracy ±0.4 °C over the range 10 to 40 °C otherwise ±1 °C		