

# 6000 Series Thermo-Hygrometers

## dew point calculation & max/min function

- ✓ remote or integral %rh & temperature probe
- ✓ displays max/min humidity or temperature
- ✓ optional backlit display

The 6000 series thermo-hygrometers are easy to use relative humidity and air temperature measuring instruments. The units measure %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 (-20 to 50 °C with a fixed probe) with a resolution of 0.1 °C/°F.

The thermo-hygrometers incorporate a clear custom LCD with °C, %rh, max/min, hold and dew point indication. There is an automatic display of both open circuit and low battery. The 6000/6100 displays the temperature and humidity at the push of a button separately whereas the 6002/6102 displays humidity and temperature simultaneously and additionally incorporates a backlit display.

All units are powered by three 1.5 volt AAA batteries with a minimum life expectancy of 10000 hours. An auto-power off facility turns the thermo-hygrometer off automatically after ten minutes, maximising battery life.



### ► 6100/6102 thermo-hygrometers with remote probe

These thermo-hygrometers utilise an interchangeable probe that incorporates a one-metre lead with a 6-pin Lumberg connector. If the probe needs to be replaced, the instrument will not require re-calibration as the probes are fully interchangeable.



### ► UKAS Calibration Certificate

An optional 3-point UKAS Humidity Calibration Certificate is available at a preferential price, if ordered at time of purchase.



order code	description
224-600	6000 thermo-hygrometer
224-610	6100 thermo-hygrometer
224-602	6002 thermo-hygrometer
224-612	6102 thermo-hygrometer
830-253	protective black silicone boot
224-615	6100/6102 spare probe
890-111	*UKAS 3-point Certificate

\*A preferential price is available when purchased with meter.

specification	temperature	humidity
range	-20 to 50/70 °C	0 to 100 %rh
resolution	0.1 °C/°F	0.1 %rh
accuracy	±1 °C ±1 digit	±2 % (10 to 90 %rh)
sensor type	silicone bandgap	capacitance polymer
battery	3 x 1.5 volt AAA	
battery life	minimum 5 years (10000 hours)	
display	12 mm LCD	
dimensions	25 x 56 x 128 mm	
weight	130/160 grams	

*optional UKAS Certificate of Calibration is available*

For pricing or any further information, please contact Omni Instruments Ltd.

