



GE Protimeter *Hygromaster*



Protimeter Hygromaster. For humidity and temperature spot measurement and monitoring in buildings.

The Protimeter Hygromaster

This unique instrument can be used for spot measurements of humidity and temperature and as a data logger for monitoring humidity and temperature trends. It is a versatile tool ideally suited for practitioners involved in the following industries:



- Disaster restoration
- Building surveying / home inspection
- Dampness diagnosis in buildings
- Flooring installation
- Specialist coatings application

Hygromaster functions and features

The measurements that can be displayed on the Hygromaster are:



- Relative humidity
- Air temperature
- Dew point temperature
- Mixing ratio / absolute humidity
- Surface temperature
- Surface and dew point temperature difference

Relative humidity and air temperature values are displayed simultaneously when switching the Hygromaster on. Dew point and mixing ratio/absolute humidity are displayed at the touch of a button. An optional surface temperature probe is required to display surface temperature and temperature difference measurements.

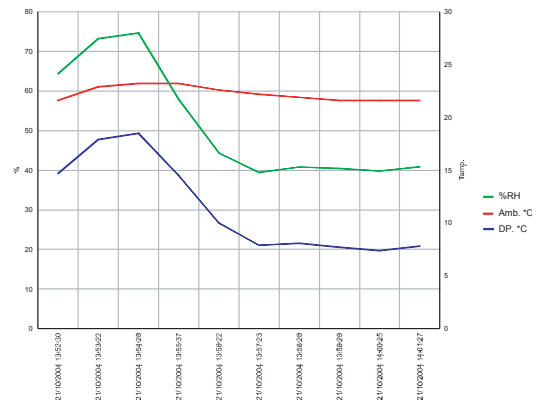
Humidity probe options

The Hygromaster may be used with two styles of interchangeable humidity probe, the **Hygrostick** and the **Humistick**.

The smaller Hygrostick has a measurement range of 30 – 100%rh. The Humistick measurement range is 0 – 100%rh.



Data Logging Functions



The Hygromaster can be set to record measurements over time. The data logger can be set and activated from the instrument buttons or from a PC. Measurements can be saved and displayed in tabular and graphical form. The user selects four data logging parameters listed below:

- Logging interval – 1minute to 24 hours
- Delayed start logging – 1 minute to 24 hours
- Number of logs – maximum of 398 records
- Job number – range from 1 to 15

Specification

Product	Protimeter Hygromaster
Part no.	BLD7700
Description	Hand held hygrometer with data logging capability. Used with either Hygrostick or Humistick humidity sensor.
Optional accessories	Hygromaster logging software kit including RS232 interface cable Surface temperature sensor Hygrostick/Humistick extension lead – 0.8m Humidity sleeves/humidity box – for flooring
Measurement range and uncertainty	Hygrostick: 30 - 100%rh, $\pm 2\%rh$ @ 20 - 30°C 0 – 50°C ± 0.3 °C Humistick: 0 - 10%rh $\pm 3\%rh$ @ 20 - 30°C 10 - 90%rh $\pm 2\%rh$ @ 20 - 30°C 90 - 100%rh $\pm 3\%rh$ @ 20 - 30°C 0 – 50°C ± 0.3 °C
Dimensions	175 x 30 x 48 mm / 7" x 1_1/2" x 2"
Batteries	LR6 AA x2
Weight	100g / 4oz

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