

CLIMATIC CONDITION

DewMaster Features

- Simultaneously displays three channels: relative humidity and temperature of the air, and surface temperature
- Dewpoint and ΔT (difference between dewpoint and surface temperature) calculated and displayed.
- **Also functions as a temperature gauge with K-type probe**
- Auto power off (selectable)
- Hold and Max/Min functions
- °C/°F switchable.

Additional DewLogger features

- Measures and records air temperature, surface temperature, relative humidity, and dewpoint for transfer to PC for evaluation and printing.
- Clock/Time function
- Memory for 16,300 readings

Specifications

Range

Temperature

Air/RH Probe: -20°C to +60°C
 K-type input: -200°C to +1370°C

Relative Humidity

Air/RH Probe: 0 to 100%RH

Accuracy

Air/RH Probe: $\pm 0.7^\circ\text{C}$; $\pm 2.5\% \text{RH}$
 K-type input:
 -200 to +200°C $\pm 0.3\% \text{rdg} + 1^\circ\text{C}$
 +200 to +400°C $\pm 0.5\% \text{rdg} + 1^\circ\text{C}$
 +400 to +1370°C $\pm 0.3\% \text{rdg} + 1^\circ\text{C}$

Resolution

Air/RH Probe: -20 to +60°C 0.1°C
 0 to 100%RH 0.1%
 K-type input: -200 to +200°C 0.1°C
 +200 to +1370°C 1°C

Dimensions: 184 x 64 x 30mm
 Weight: 320g (approx)
 Power: 9V (100hrs logging)
 (optional power supply available)

DewLogger model:

Recording interval: 1 sec to 1hr 40mins
 (1 to 99mins 99 secs)
 Memory: 16,300 readings



Also available:
K-type temperature probes with lead lengths to your requirement:

- Stainless Steel (all types)
- PTFE / Fibreglass cable with clamp or magnet
- Magnetic Surface Probe

Complete with:

- Surface Probe
- Operating Instructions

DewLogger also includes:

- RS232 Interface Cable & Software
- USB Cable & Software
- Datalogger Software

