

## PCWI Dewmaster

### Climatic Condition

PCWI International are leaders in the manufacture, certification and distribution of specialist measuring instruments relevant to the metals construction and coating industries.



#### DewMaster

##### Features

Simultaneously displays three channels: relative humidity and temperature of the air, and surface temperature  
 Dewpoint and DT (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  $\pm 0.3^{\circ}\text{rdg} + 1^{\circ}\text{C}$

+200 to +400°C  $\pm 0.5^{\circ}\text{rdg} + 1^{\circ}\text{C}$

+400 to +1370°C  $\pm 0.3^{\circ}\text{rdg} + 1^{\circ}\text{C}$

###### 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

Humidity/Air  
 Temperature Probe

Removable  
 K Type Surface  
 Probe



Complete with  
 Surface Probe  
 Operating Instructions

DewLogger also includes  
 RS232 Interface Cable & Software  
 USB Cable & Software  
 Datalogger Software

Also available  
 K-type temperature probes with lead lengths to  
 your requirements  
 Stainless Steel (all types)  
 PTFE / Fibreglass cable with clamp or magnet  
 Magnetic Surface Probe

Transfer logged readings  
 to a computer



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