

HCS Heaters Controls & Sensors Ltd

Data logger Temperature Humidity



FEATURES:

Triple Display, Temperature, Humidity and Aux Temperature

16,000 Records Data logger (Option)

USB or RS-232 Interface

With Software for Win 95/98/XP, NT4.0

Real Time Clock (YYYY/DD/MM) (Hr/Min/Sec)

With K-TYPE Thermocouple Input

Resolution 0.1°C, 0.1°F, 0.1% RH

Min/Max values Displayed

Auto power off and low battery indication

SPECIFICATIONS:

Numerical Display: 4 Digital Liquid Crystal Display

Measurement Range: Humidity: 0% ~ 100% RH

Temperature: T1: -20°C ~+ 60°C, -4°F ~+ 140°F

T2: -200°C ~+ 1370°C, -328°F ~+ 2498°F

Resolution: Humidity: 0.1% RH

Temperature: T1: 0.1°C, 0.1°F

T2: -200°C ~ 200°C 0.1°C ; 200°C ~ 1370°C 1°C

-200°F ~ 200°F 0.1°F ; else 1°F

Accuracy: Humidity: ±2.5%RH at 25°C

Temperature: T1: ±0.7°C, ±1.4°F

T2: Please check the following table.

-200°C ~ 200°C ±(0.3% reading + 1°C)

200°C ~ 400°C ±(0.5% reading + 1°C)

400°C ~ 1370°C ±(0.3% reading + 1°C)

-328°F ~ -200°F ±(0.5% reading + 2°F)

-200°F ~ 2498°F ±(0.3% reading + 1°F)

Response Time: Humidity: 75 sec. In slowly moving air

(@t90)

Temperature: 40 sec. in slowly moving air (T1)

Signal Output: RS-232 Data Output

Operating Environment: 0°C ~ 50°C, 32°F ~ 122°F ; 0 to 90% RH non-condensing

Storage Environment: -10°C ~ 60°C, 14°F ~ 140°F ; 0 to 80% RH non-condensing

Power Supply: One 9V battery ; AC adapter: 9V_{DC} / 10mA minimum

Plug Diameter: 3.5 mm X 1.35 mm

Battery Life: Approx. 100 hrs with alkaline battery

Dimensions: 186 mm X 64 mm X 38 mm

Weight: Approximately 320 grams

13 - 60 MEG Dr

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