

SIGNAL HAWK

16 CHANNEL UNIVERSAL TEMPERATURE SCANNER LOGGER



MODEL :CT716

Features

- Data saved directly on USB Pen drive in an MS Excel compatible file
- Microprocessor based linearised for J/K/R Thermocouples and PT100 temperature sensors.
- 4 line alphanumeric LCD display with backlight for user friendly displays
- Auto cold junction compensation for thermocouples and 3 wire input for PT100
- Number of usable channels selectable from 1-16.
- Auto/Manual mode of scanning selectable
- Rate of logging settable by user in Mins:Secs
- Digital offset user settable for individual channels
- Internal Real Time Clock with battery backup for saving values along with Date and Time
- No need of any complicated or additional software for managing data
- Saving data on Pen drive allows a very large amount of storage space at very low cost.

Technical Specification

- Display: 4x20 line 0.3" character height alphanumeric LCD module display

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- Sensor: J/K/R Thermocouples and 3 wire PT100 sensor user selectable
 - Range:
 - J-T/C : 0 to 750°C
 - K-T/C : 0 to 1250°C
 - R-T/C : 0 to 1700°C
 - PT100: -100.0 to +600.0°C
 - Resolution : 1°C for thermocouples and 0.1°C for PT100
 - Channels : Maximum 16
 - Scanning Rate: User settable from 1-99seconds
 - Resolution: 1°C for Temperature
 - Digital Offset: User settable individually for each channel
 - Logging Rate: 1 second to 99Mins59seconds
 - Data Logging: Directly create a .csv file on the Pen Drive (compatible with Excel) giving a tabular format values of Date, Time and selected channels.
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- Real Time Clock: Adjustable Calendar (Month/Date) and Time (Hrs:Mins)
 - Accuracy : $\pm 1^\circ\text{C} \pm 1$ Least Significant Digit for Thermocouples

$\pm 0.1^\circ\text{C} \pm 1$ Least Significant Digit for PT100

- Power Supply: 230V AC $\pm 15\%$ at 50/60Hz
- Mounting Type: Panel Type
- Front Facia : 96mm x 192mm