

16 CHANNEL UNIVERSAL TEMPERATURE SCANNER LOGGER, 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.

Specifications

- Display : 4x20 line 0.3" character height alphanumeric LCD module display
- 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
- 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
- Real Time Clock: Adjustable Calendar (Month/Date) and Time (Hrs:Mins)
- Accuracy : ±1°C ± 1 Least Significant Digit for Thermocouples
±0.1°C ± 1 Least Significant Digit for PT100
- Power Supply : 230V AC ± 15% at 50/60Hz
- Mounting Type: Panel Type
- Front Facia : 96mm x 192mm
- The format is as follows:

TEMPERATURE SCANNER							
Start Date-16/04							
Start Time-17:41:48							
DATE	TIME	CHAN	CHAN	CHAN	CHAN	CHAN	CHAN
Dt/Mn	Hr:Min:Sec	1	2	3	4	5	6
16/04	17:41:48	17.2	17.2	35.6	17.2	35.6	35.6
16/04	17:41:58	17.1	17.1	35.5	17.1	35.5	35.5
16/04	17:42:11	17.2	17.2	35.5	17.2	35.5	35.5
16/04	17:42:21	17.2	17.2	35.5	17.2	35.5	35.5