16 CHANNEL UNIVERSAL SCANNER LOGGER, CT716U

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.
- 4-20mA input with Low, High and resolution individually settable for each channel.
- 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
   4-20mA: -1999 to 9999 with resolution of 0.001, 0.01, 0.1 and 1
- 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