

16 CHANNEL TEMPERATURE LOGGER Model 6316L



Features

- 16 Channel Microprocessor Based Temperature Scanner, linearised for PT100 & 3 T/Cs (J,K,R) with cold junction compensation.
- Logging of 3000 readings of all 16 channels
- Serial RS-232 output to download all logged values to PC.
- In built Real Time Clock with battery back-up.
- Manual/Auto Scanning selectable.
- Scan rate settable from front panel up to 99sec/channel.
- User settable logging rate.
- Number of channels user selectable.
- Configuration locks at rear to lock the number of channels and clock settings.
- Non-volatile memory to save settings.
- Aesthetically designed front panel with membrane switches.

Specifications

- Display : 4 Digit 0.56" 7 Segment Red LEDs for Temperature
2 Digit 0.56" 7 Segment Green LEDs for Channel Number
- Number of Channels: Maximum 16
- Sensor : J,K,R T/C or 3 wire PT-100 (common for all channels)
- Range : J T/C : -50°C to 750°C K T/C : -50°C 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
- Accuracy : $\pm 0.1\%$ of F.S. ± 1 Digit
- Serial Output : RS-232 output
- Logging Rate : Settable in Hours:Mins (00:01 to 23:59) RTC controlled with battery backup to save 3000 readings
- Real Time Clock : Adjustable in Hours:Mins and Month/Date
- Auto/Manual mode : Toggle between Auto/Manual modes with front panel indication of mode
- Display Rate : 1 to 99 seconds per channel in Auto Mode
- Memory : Non-volatile EEPROM for saving settings
- Configuration Locks : 1. At rear terminals to lock number of channels
2. At rear terminals to lock Clock settings
- Supply : 220V AC $\pm 15\%$ at 50/60Hz
- Ambient Temp. : Maximum 55°C
- Size (Front) : 96 x 192 mm
- Depth : 170 mm

Manufactured By:

COUNTRONICS

Website: www.countronics.com Email: countron@nde.vsnl.net.in