

## **LAKSHMI BRAND CONTINUOUS RAIL THERMOMETER**

Specification no: TM/TL/119 Rev.01 of 2004



### **Introduction**

Continuous Rail Temperature Recorder is a versatile device specially designed for continuously displaying Rail Temperature, Storing Data at preset interval, and Printing the same on A-4 Size without the help of computer. However, Computer Compatibility is provided in the device for storing data in CD, Floppy etc. The device is attached with an internal backup battery which enables the recorder to continuously record & display the data in case of power failure up to 72 hours. The Enhanced Flash Ram memory is designed to record the data up to 18months on hourly basis. The device comes with a separate data drive which facilitates the user to take the stored data to any remote computer without detaching or disturbing the recording process. A User friendly Browsing feature is also provided to check the pre-recorded data on the LCD Display itself, thus nullifying the need of always a necessary print out to analyze the data. Special Safety alarms on MAX/MIN Crossover & Sensor Disconnection make this device fully secure.

### **Salient Features**

1. No. of Sensors: one
2. Range: - 05 to + 85°C
3. Resolution: 0.1 (logging)
4. Accuracy: +/- 1.0°C
5. Power Supply: 220V, 50Hz
6. Battery Life: 2 Years
7. Low Bat Indication
8. Output: CD's & Floppy using a computer
9. Memory Type: Non-volatile, retained for 10 years
10. Logging Interval: up to 2hours

### **Precautions & Maintenance**

1. Ensure that all the connections are proper.
2. Check all the fuses before operation.
3. Kindly press Alarm Acknowledgement Key when the user sense the alarm indication as long duration usage of buzzer may damage it.
4. Replace the battery after 18 months.
5. This device is of sophisticated nature, so it should be handling with utmost care.

### **Training**

Training regarding working operation maintenance & upkeep of the instrument will be imparted at our works at Meerut to your representative free of cost.