



**Temperature Data Logger (DG-DL-T-Cxx)**, is a microprocessor based electronic instrument that is designed to accept and record temperature data. The instrument measures the input signal, processes it and displays the measured parameter on a 20x4 LCD display (Also available with touchscreen). Up to thirty-two channels may be provided. The channels may be displayed in a sequential manner or may be selected manually, by providing an appropriate command from the keyboard (With Touchscreen: All the channels are displayed simultaneously). Store Interval, real time, and Channel Configuration are software programmable.

The built-in real-time clock is provided to put the time stamp on the measured data. The measured data of all the channels may be transferred to the PC through an RS-232C link/USB on store interval with the time stamp on appropriate command. Data maybe captured on the PC in a suitable format to import data in Excel. Optional PC-based software may be provided to display and store serial data on the PC for further analysis. The unit is mains operated and portable. The unit is supplied with suitable accessories.

## FEATURES

- ✓ Highly stabilized amplifier
- ✓ High Performance ADC
- ✓ User Friendly keyboard
- ✓ Online data is available on PC
- ✓ 4x20 intelligent LCD display

## APPLICATIONS

- ✓ Loading frames
- ✓ Valve controllers

## SPECIFICATIONS

<b>Product Code</b>	DG-DL-T-Cxx
<b>Equipment Category</b>	Data Logger
<b>Display</b>	20 X 4 Intelligent LCD display
<b>Range</b>	0 to 1450 °C (As per sensor)
<b>Configuration</b>	Full/ Half Bridge/Quarter
<b>Resolution</b>	0.01 Kg/cm <sup>2</sup>
<b>Accuracy</b>	1 °C
<b>Channels</b>	Up to 32 Channel
<b>Sensor</b>	j, k, t type Thermocouple or PT100 (To be specified with the order)
<b>Scan rate</b>	Up to 8 channels/sec
<b>Memory</b>	Internal non-volatile memory
<b>Channel Sensor Programming</b>	Each channel is programmable
<b>RS-232-C interface</b>	To transfer data to PC
<b>Channel SKIP facility</b>	Available
<b>Weight</b>	2.5 kg
<b>Dimension</b>	300W x 250D x 125H (8 channels)
<b>Power Supply</b>	200 to 250V AC ± 10%, 50 Hz
<b>Applications</b>	B.O.D' s, Blood banks, Environment chambers, Refrigerated circulating bath, Furnaces

## Ordering Information

**Item:**

Temperature Data Logger

**Category:**

Data Logger

**Unique Code:**

DG-DL-T-Cxx

**Accessories:**

- Power Cord
- Operating Manual

**Customization:**

Multiple Channels and Multi Sensor option available (Any customisation request to be made at the time of placing the order)

**Order Placement:**

- Via the Website
- Via E-mail
- Via Phone

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