



Universal Data Logger (DG-DL-U-Cxx), is a microprocessor based electronic instrument that is designed to accept any of the load /pressure /temperature /humidity /displacement data from different points using the required sensors. The instrument measures the input signal, processes it and displays the measured parameter on a 20x4 LCD display (Also available with touchscreen). Up to Sixteen 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 a PC through an RS-232C link/USB on store interval with the time stamp using an appropriate command. Data may be captured in a PC in a suitable format to import data into Excel. Optional PC-based software may be provided to display and store serial data on PC for further analysis. The unit is mains operated and portable. The unit is supplied with suitable accessories.

Note: - The customer is required to mention the types of sensors, the number of channels, and the ranges for measurement of the parameters in the order.

FEATURES

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

APPLICATIONS

- ✓ Research applications
- ✓ Environment chambers

SPECIFICATIONS

Product Code	DG-DL-U-Cxx
Category	Data Logger
Display	20 X 4 Intelligent LCD display
Range	0 – 10.00T 0-10.00Kg/cm ² 0-25.00mm 0-200.0 °C 0-100.0%RH
Resolution	As per Sensor
Accuracy	± 0.2% ± 1 digit
Channels	Up to 16 Channel
Sensor	As specified by user
Scan rate	Up to 8 channels/sec
Memory	Internal non-volatile memory
Channel Sensor Programming	Each channel is programmable
RS-232-C interface	To transfer data to PC
Channel SKIP facility	Available
Weight	3.5 kg
Dimension	450W x 300D x 150H (8 channels)
Usage Environment	Temp. 55 °C & RH 99% non-condensing
Power Supply	200 to 250VAC ± 10%, 50 Hz
Applications	Research applications, Environment chambers

Ordering Information

Item:

Universal Data Logger

Category:

Data Logger

Unique Code:

DG-DL-U-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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