

USB Data Loggers

For easy, low cost recording of temperature and humidity

Simple to use, battery operated recorders, ideal for a wide range of applications, used to monitor and record temperatures and humidity in refrigerators, freezers, cold storage rooms, refrigerated transport, catering equipment, air conditioned environments etc.

Three models available:



- **Part No: LOGR600**
Model: USB-1
Records: Temperature
Range: -35c to +80c
Application: General usage in fridges, freezers, cold stores and refrigerated transport etc.



- **Part No: LOGR602**
Model: USB-1-PRO
Records: Temperature
Range: -40c to +125c
Application: For extended range applications such as: LT freezers, high temperature cooking equipment etc.



- **Part No: LOGR604**
Model: USB-2-LCD
Records: Temperature & Humidity
Range: Temperature -35c to +80c / Humidity 0 to 100% RH
Display: Onboard LCD
Application: Environmental and Air Conditioning. Maturing rooms etc.

To order please telephone:

0208 655 7600

0121 666 4700

0161 872 2000

Email: sales@thermofrostcryo.co.uk
www.thermofrostcryo.co.uk

USB Data Loggers

Features:

- **Green & Red LED's indicate status of recording and alarms**
- **USB-2-LCD has onboard display**
- **High and low alarm levels adjustable by user**
- **Recording interval adjustable by user**
- **Length of internal data storage dependant on recording interval:**

| | | | | | | | |
|------------------------------|---------------|-------------|--------------|---------------|--------------|---------------|----------------|
| Recording interval | Every 10 secs | Every 1 min | Every 5 mins | Every 30 mins | Every 1 hour | Every 6 hours | Every 12 hours |
| Data recording period | 45 hours | 11 days | 56 days | 11 months | 1.8 years | Over 2 years | Over 2 years |

PC Software: Compatible with Windows 2000 / XP / Vista, extremely simple to use, supplied free with every data logger.

1. Plug the USB Data Logger into PC or Laptop's USB port, set the recording interval, alarm levels etc., then start the recording.
2. Place the USB Data Logger in the environment to be monitored
3. When ready, remove the USB Data Logger, plug it directly into PC or Laptop's USB port and download the recorded data, which can be displayed both as a graph and a table, as shown below:

Graph:

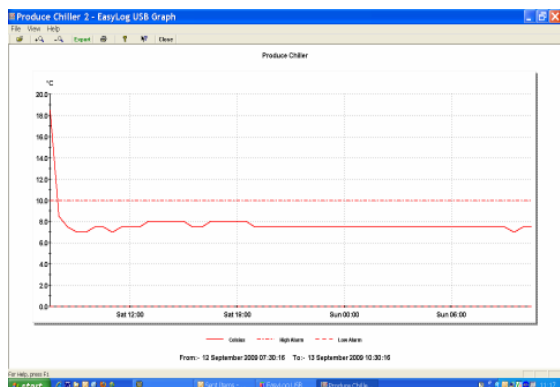


Table:

| Produce Chiller | Time | Celsius(°C) | High Alarm | Low Alarm |
|-----------------|------------------|-------------|------------|-----------|
| 1 | 12/09/2009 07:30 | 18.5 | 10 | 0 |
| 2 | 12/09/2009 08:00 | 8.5 | 10 | 0 |
| 3 | 12/09/2009 08:30 | 7.5 | 10 | 0 |
| 4 | 12/09/2009 09:00 | 7 | 10 | 0 |
| 5 | 12/09/2009 09:30 | 7 | 10 | 0 |
| 6 | 12/09/2009 10:00 | 7.5 | 10 | 0 |
| 7 | 12/09/2009 10:30 | 7.5 | 10 | 0 |



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