

Temperature USB Data Loggers **multicomp**PRO

**RoHS
Compliant**



MP780616

MP780617

Descriptions

These data loggers are ideal for monitoring temperature in transport, storage, testing process, etc.

User needs to install USB driver and DGraph software that run under Windows XP, Vista, 7, 8 or 10(32 bit and 64 bit Versions). and use the software to setup sample rate, high/low alarm limit and start/stop method , and download data to PC, etc. And then view, analyze and print the data, or export other file formats(txt, xls, csv, bmp, jpg).

Especially, in professional applications, user can set access password, name each channel, enable/disable specified channel, input calibration data for each channel, disable LED indication for saving power, and select sample mode(Instant, Average, Maximum and Minimum), etc.

Features and Functions

- USB interface directly communicate with PC
- Free software to setup, download and analyze data
- Set access password for each data logger
- LCD indicates readings, status and alarm
- LED indicates Alarm and status
- Start method: immediately, button, start at time
- Stop method: button, memory full, points finished
- Support FIFO cycle recording mode
- Replaceable lithium battery and data not lost if exhausted
- Two point calibration for each channel
- Alarm limit settings for all channels
- Support to create compound graph
- Support to create new unit easily
- Name each channel and enable/disable it
- User configurable graph settings
- Support that several loggers shown together
- Disable LCD or LED to save power consumption
- To save as txt, xls, csv, bmp, jpg

Applications

These data loggers are used mainly to monitor and verify temperature(or humidity) sensitive goods, equipment or areas. Example: Cold Chain, Refrigeration, Transportations, Warehouse, HVAC, Food & Pharmaceutical.

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Specifications

Model	MP780616	MP780617
LCD	YES	
Channels	Temperature	Temperature (ext.)
Range	-35°C to +80°C	-40°C to +125°C
Accuracy	±0.5°C	
Resolution	0.1°C	
Operation Environment	-35°C to +80°C	
Storage Environment	-35°C to +80°C	
Size(mm)	120mm × 37mm × 23mm	
Weight	67g	
Protection Class	IP54	IP40
Interface: USB(it can power for device) Battery: lithium battery Readings memory(total for all channels): 32000 Software : DGraph(free) OS : windows xp/7/8/10/vista 32bits/64bits		

Part Number Table

Description	Part Number
USB Temperature Data Logger, -35°C to +80°C	MP780616
USB Temperature Data Logger with external Probe, -40°C to +125°C	MP780617

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