

## USB Fridge & Freezer Temperature Data Loggers



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USB fridge and freezer temperature data loggers are essential devices for ensuring the safety and integrity of temperature-sensitive products such as perishable goods, pharmaceuticals, and vaccines. The compact, standalone types offer precise temperature monitoring across a broad range of environments, from cryogenic storage to high-heat industrial settings. Their ability to record tens of thousands of readings makes them ideal for both short-term shipments and long-term storage monitoring.

Technically advanced and user-friendly, these data loggers allow users to configure settings, set alarm thresholds, and download data quickly via a USB connection. Once connected to a computer, data can be analysed using free supplier software that offers graphing, exporting, and printing functions. This ease of access enables real-time decision-making and thorough post-event analysis, helping facilities maintain compliance and product quality.

A standout feature of many USB data loggers is their programmable logging intervals, which can be tailored from as frequent as one second to every twelve hours. This flexibility allows for detailed tracking during critical processes or extended monitoring over time. Long battery life, often up to two years, ensures dependable performance with minimal maintenance.

Many models also include visual status indicators, such as LCD displays and LED alarms, that alert users immediately to temperature excursions. For applications requiring stringent data control, such as pharmaceutical exports, some loggers comply with international standards like 21 CFR Part 11 and BS EN 12830:2018, offering features such as encrypted, non-editable data, electronic signatures, and audit trails.

For general frozen-temperature monitoring, an uncomplicated, disposable and low-cost data logger with factory pre-set temperature ranges, finds popularity. It comes with a USB to PC plugin to download a PDF report for those recipients interested in additional temperature data logging information.

Whether used in food logistics, laboratory environments, or global vaccine distribution, USB temperature data loggers deliver accuracy and durability in the maintaining of cold chain integrity. They provide regulatory compliance in even the most demanding storage and transport conditions. USB fridge and freezer temperature data loggers as well as accessories including spare batteries are stocked locally for consumer convenience. USB Fridge & Freezer Temperature Data Loggers.

Contact Mimic for more information.

#### JHB Branch

Mimic Components, Address: 5 Ramsay Street, Booyens, 2091, Johannesburg. Switchboard: +27(0)11-689-5700 | WhatsApp: 071-979-9999  
PO Box 38493, Booyens, 2016, Johannesburg, South Africa. Email: [info1@mimiccomponents.co.za](mailto:info1@mimiccomponents.co.za) | Website: [www.mimiccomponents.co.za](http://www.mimiccomponents.co.za)

#### Cape Branch

Mimic Cape. Address: Unit 41A, Stella Park, 57 Stella Road, Montague Gardens, 7441, Cape Town. Switchboard: +27(0)21-551-8185  
WhatsApp: 071-979-9999. Po Box 36955, Chempet, 7442, Cape Town, South Africa. Email: [info@mimic-cape.co.za](mailto:info@mimic-cape.co.za) | Website: [www.mimic-cape.co.za](http://www.mimic-cape.co.za)