



Tinytag Laboratories & Healthcare



APPLICATION & PRODUCT GUIDE
Tinytag® Data Loggers
GATHERING QUALITY DATA
Laboratories & Healthcare

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data collection & retrieval » temperature » humidity » shock » vibration » count » voltage » current



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Tinytags are compact, battery powered data loggers that measure and record a number of parameters in a variety of locations.

The Tinytag range of data loggers offers an array of features such as ruggedness, waterproofing and various memory sizes to meet your requirements in recording temperature, humidity or other parameters over a period of time. Furthermore, external sensors in the form of probes are available to access places a logger cannot.

Tinytags are easy to use. Connect the logger to your PC using a USB or serial cable, use Tinytag Explorer software to configure the logger and leave it in place to record the data. Configuration options allow the user to set the time interval for each recording, define alarm limits and start options.

To retrieve the data, re-connect the logger to your PC to view in a convenient graph format. It can then be saved and exported to other applications.

Tinytags can be supplied with UKAS traceable calibration certificates for validation purposes.



Install Tinytag Explorer software and connect data loggers to PC



Place Data Logger in position to record and connect probe if required



Connect Data Logger to PC, download and display the data

STERILISATION

Tinytag® data loggers are used to:

- Monitor sterilisation processes
- Ensure equipment is functioning correctly
- Ensure compliance with health and safety regulations

Tinytag Plus Intrinsicly Safe

Tinytag Plus Intrinsicly Safe data loggers are used for independent verification of ethylene oxide sterilisation. Robust and ATEX rated, these loggers record temperatures and humidity safely in the harshest of environments.

VACCINES & BLOOD PRODUCTS TRANSPORTATION

Highly sensitive consignments, such as blood products or body organs, need to be kept in very specific conditions and maintained at the correct temperature. Various institutions around the world use Tinytags extensively in their verification procedures. Ease of programming, visible alarms and quick download ensures the required information is readily available upon the arrival of a shipment.

The families that serve these purposes are:

Tinytag Transit

Small and lightweight these low cost loggers are easily slipped inside packages or onto pallets to monitor the temperature of goods in transit. Tinytag Transits come with a magnetic trigger so they can be started at any time without a PC.

Tinytag Medical

Housed in 35mm camera film cases, these small, lightweight data loggers monitor the temperature of fridges and vaccine cabinets. With large memories and warning alarms that indicate if there is a problem, these units can be left to monitor your application for extended periods of time without the need for regular checking.

FRIDGE, FREEZERS & CULTURE ROOMS

Tinytags in this section are used to monitor:

- Temperature in vaccine and drug storage
- Temperature in freezers and cryogenic applications
- Temperatures in culture rooms

Tinyview Plus

These loggers come with a built in digital display so the temperature is seen as well as recorded. With their large memories, Tinyview Plus data loggers are widely used in fridges and freezers for extended periods. The PT1000 Tinytag Plus is ideal for monitoring temperatures in freezers as low as -200°C.

Tinytag Plus 2

Robust and waterproof, these loggers have a wide range of sensors and large memories for long term monitoring. These loggers are used for large number of arduous applications.

Tinytag Medical

As mentioned before these small, lightweight data loggers with large memories and warning alarms can be left to monitor your application for extended periods of time without the need for regular checking. Tinytag Medicals are ideal for long term monitoring of temperature in confined spaces such as fridges.

TINYTAG EXPLORER SOFTWARE

Tinytag Explorer is Windows based and user-friendly with simple steps to download and display data clearly as graphs and tables. Data can also be exported to other applications such as Excel.



TINYTAG EXPLORER SOFTWARE

ACCESSORIES

Tinytag Alarm Box

A separate Alarm Box is available for use with these loggers to provide clear audible and visual warning of an unwanted fluctuation in temperature or other parameter. For example, it can alert when a freezer door is left open.

Probes

There is a wide range of cost effective, waterproof, food grade and robust Probes suitable for applications as diverse as the Tinytag loggers themselves.



TINYTAG PLUS INTRINSICALLY SAFE



TINYTAG TRANSIT



TINYTAG MEDICAL



TINYTAG PLUS 2



TINYVIEW PLUS

