

LogTag®

TEMPERATURE INDICATOR

TIC20



ENGLISH

User Instructions

Activating the TIC20 Indicator

The indicator is delivered in 'sleep mode' with the LCD screen blank. Briefly press either **◀** or **○** buttons to wake the indicator and a battery check will be performed.

The indicator **cannot** be started for use if the low battery symbol is shown.



Starting the Indicator

The display must show **READY** and battery OK before the recorder can be started.

Press and hold the Start **○** button. Continue to hold while **MONITORING** flashes on the display; release the button when the flashing stops (after approx 6 seconds).



The TIC20 indicator is now counting down a start delay of 60 minutes and is ready to be attached to the supplied backing card and placed in the location to monitor.



At the end of this period the TIC20 indicator will start collecting data and show the word **MONITORING** on the display.



Continue to read these instructions to learn about the display and operation of the TIC20

Monitoring Display

While monitoring the display is updated every 6 minutes (Type1, Type2 & Type4) or 1 minute (Type3) showing the most recent temperature reading taken, the elapsed time, battery status and combined alarm status and history.

Examples:

Display shows an elapsed time of 8 days and 15 hours. Current temperature is over 1st alarm limit of +10°C



10 hours later the over temperature duration triggers an alarm. The **ALARM** symbol, **DAY10** marker and the triggered Alarm limit are shown. The **OK** symbol has been replaced by reject **X**. The load should be rejected.



A further 2 hours later the temperature has returned to the acceptable range but the alarm and reject **X** symbols remain.



Stopping the Indicator

Press and hold the Stop **○** button. Continue to hold while **STOPPED** flashes on the display; release the button when the flashing stops (after approx 6 seconds).



Reviewing Day Statistics

Press and release (within 1 second) the Review **◀** button. Each subsequent press of the Review **◀** button will step through and display the stored statistics for each day.

Examples (Type2):



▶ **DAY1**
No Alarm or excursion on this day, nothing to display.



▶ **DAY4**
Max temp 24°C. Temperature over >10°C for 4 hours, ALARM not triggered.



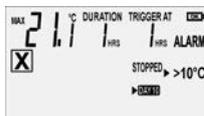
▶ **DAY7**
Max temp 41.5°C. Temperature over >10°C for 6 hours ALARM not triggered.



Temperature over >30°C for 1 hour ALARM still not triggered.



▶ **DAY9**
Max temp 21.1°C. Temperature over >10°C for 9 hours, ALARM not triggered.



▶ **DAY10**
Max temp 21.1°C. Temperature over >10°C for 1 hour, ALARM triggered 1 hour into day10 as the total cumulative time was greater than 20 hours(Type2).

Press and hold Stop **○** button for 1 second then release to exit Review.

Battery

The TIC20 indicator contains a Lithium Battery.

The end of the battery life is indicated by a low battery symbol, the indicator should be replaced when this symbol appears. Dispose or recycle the battery in accordance to your local regulations.



Do not expose the recorder to extreme temperatures as it may lead to the destruction of the battery and may cause injuries. Keep out of reach of children.

Liability

The manufacturer shall not be held liable:

- If the device was used beyond the manufacturer's given limitations.
- For any claims due to the improper storage and use of the device.
- For any problems with the cooling unit.
- For the bad quality of the monitored goods, if any.
- For incorrect readings if the device was used with activated low battery sign.

Useful life

The operational life of the TIC20 is 20 days monitoring and 6 months accessibility after activation subject to:

- The device was not stored for over 18 months prior to activation.
- The read out mode is not excessively used e.g. several times a day.
- Storing & operating of the device remains inside the recommendations of the manufacturer.

Attention: The TIC20 monitors temperature exposure and not the product quality. Its purpose is to signal if product quality evaluation/testing is required.