

When product integrity counts... Manufacturers of laboratory calibrated temperature and humidity data loggers, real-time monitoring and cold chain solutions

# **Temprecord Mon-T<sup>2</sup> Loggers**

#### How to use Mon-T<sup>2</sup> Data Loggers

The following are quick instructions only. Please note there is a full Help Wizard built into TempWrite software, under the Menu bar. Help Button shown below:

#### ? Help

#### **Requirements before first use:**

- Temprecord Reader Interface or generic USB Cable and the
- TempWrite software. Software is available for FREE download from:

#### http://temprecord.com/our-software/tempwrite/



Temperature USB



Temperature & RH USB



Standard Temprecord reader

OR

Generic Cable





We recommend a reader to speed up processing batches of loggers

#### **Software Installation**

TempWrite software is available by downloading from:

http://temprecord.com/our-software/tempwrite/

Log on as Administrator to install software. Do not plug in reader or cable until after software is installed. NOTE: TempWrite works on the following systems: Windows 7, 8, 8.1 and 10

**Temprecord International Limited** 

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#### **Software Quick Icons**

Hover over the quick icons to bring up hints that identify function

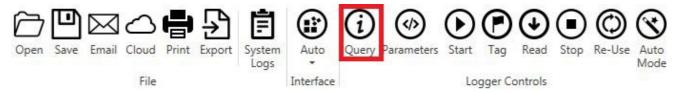


#### 1. To access logger

- Insert logger in Reader Interface ensuring logger is placed facing upwards in reader as far as it can go with the hole visible outside the reader
- Alternatively plug in USB cable
- Access logger by tapping the Space Bar on the keyboard

#### 2. To program logger

• With TempWrite software opened press the space bar to initiate logger or click Query icon



- Select Parameters to program the logger
- · Follow Parameter general settings to program the desired parameters

Mon-T <sup>2</sup> LCD DT00001072	Program Undo Parameter Favourites Load Save Clear I	*/ Factory Defaults
	General Settings	
	Logger Units:	Secure logger with password.
Ready	Celsius	Password:
23.93 °C	O Fahrenheit	
	19270.2501.11	Confirm:
Summary	Enables:	
	☑ Loop Overwrite	User Comments:
> Parameters	Start with Button	Cold box
	Stop with Button	
Graph	Re-Use with Button	
<b>IQ</b> Statistics	Allow placing Tags	
	☑ Enable LCD Menu	
Values	Extended LCD Menu	Characters Used: 10/160
, vuldes		
	Start, Stop and Sample Settings	
	Start Options:	Sample Period:
	Start with Delay	00:00:30
	O Start on Date Time	Start Delay:
		00:00:10
	Stop Options:	Start on Date Time:
	Requires Stop by User	20/12/2016 11:52 a.m.

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# Mon-T<sup>2</sup> Data Loggers

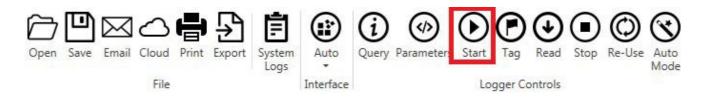


• Once fields are populated press Program Logger to save these settings in the logger



### 3. Start Logger

Start the logger in TempWrite Software by clicking the Start icon



Or start the logger by holding down **Start/Stop** button on the logger for 2 seconds **if button has been enabled in TempWrite software**.

### 4. Stop Logger

The logger will stop recording data according to the Start and End settings programmed in Parameters.

Mon-T <sup>2</sup> LCD DT00001072	Image: Second conduction       Image: Second c	
Ready 23.93 ℃	<ul> <li>Stop with Button</li> <li>Re-Use with Button</li> <li>Allow placing Tags</li> <li>Enable LCD Menu</li> </ul>	
🗄 Summary	Extended LCD Menu Start, Stop and Sample Settings	Characters Used: 8/160
> Parameters	Start Options:	Sample Period:
🔊 Graph	Start with Delay     Start on Date Time	00:00:30
	Start on Date Time	Start Delay: 00:00:10
Rev Statistics	Stop Options:	Start on Date Time:
🗐 Values	Requires Stop by User	20/12/2016 11:52 a.m.
	O Stop when Full	Stop on Sample:
	Stop on Sample     Stop on Date Time	61 🗘
		Stop on Date Time:
		7/12/2016 4:15 p.m.

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# Mon-T<sup>2</sup> Data Loggers

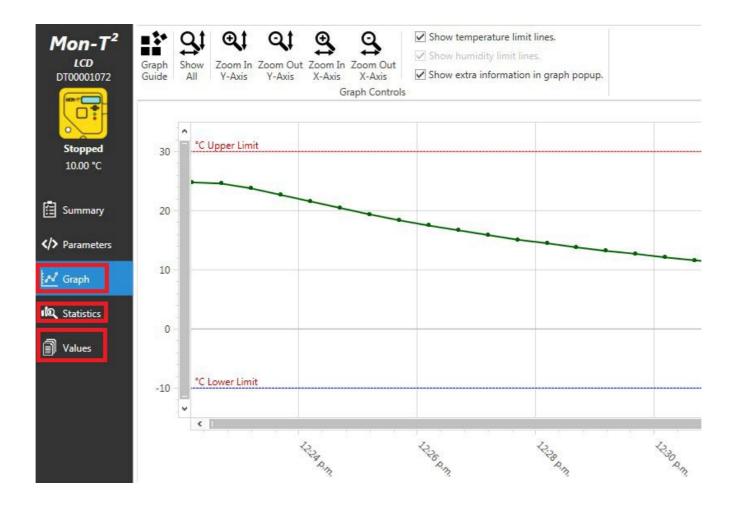


# 5. Read Logger

With TempWrite software opened and logger inserted press click the Read icon



- Select Graph to view recorded data in Graph
- Select Statistics to view full statisticaldata
- Select Values to view full list of recorded datasamples



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## 6. Export Files

Select Export icon to save data as PDF or Excel files, Compliance made easy!

Open Save Email Cloud Print Export Logs		Query Parameters Start Tag Read Stop Re-Use Au				
File	Interface	Logger Controls				
In the Export Screen select <b>Report Set up</b> Icon to choose what the PDF will include up icon						
Export to PDF			$\checkmark$			



Export the logger data report as a PDF file.

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**Export Values to Spreadsheet** 

**Export Summary to Spreadsheet** 

Export the logger data report into a spreadhseet.

Export all logged values into a spreadsheet.

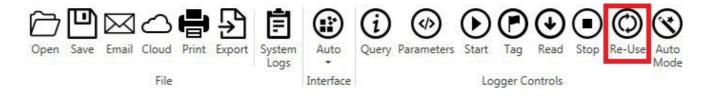
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**Export Graph as Image** Export the graph as a PNG image.

### 7. Re-Use Logger.

To re-use or re-program the logger, it must be in a Ready State. Click Reuse Logger icon. Data will be cleared and logger will be in ready mode



Note, Logger can be re-used using button if limits have not been breached

### Logger is now ready to be started again!

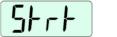
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## **LCD Version**

• To start or stop the logger using the button (if enabled in the software), hold button down until **Start** or **Stop** is showing on the LCD screen





- When logger is running it will show the current temperature and/or humidity (depending on the model)
- On pressing the button on the logger (if enabled in the Parameters screen in the TempWrite software), view the following:
  - Maximum Temperature or Humidity
  - Minimum Temperature of Humidity
  - Average Temperature of Humidity
  - Time above Upper limit
  - Time below lower limit
  - Also displays Tags (markers)

