tempbase.®

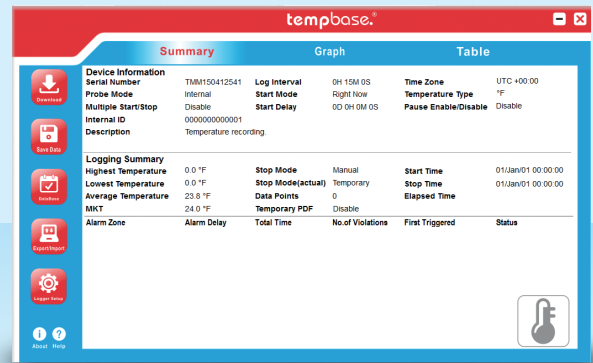# User Manual
➡ For tempbase.®-D Data Management Software V1.2

Product: tempbase.®-D
Data Management Software V1.2

❯ Summary

If temperature matters.
jmec

imec Messtechnik GmbH
Lilienthalstraße 23
74078 Heilbronn

T +49 7066.9150 230
F +49 7066.9150 233

info@imec.de
www.imec.de

01. Product overview

tempbase.®-D data management software for **temp**mate.®-M1 can upload every recorded data to computer, systematically analyze, collect and manage the data.

02. Installation environment

02.1 System requirements

CPU: min. PII 600 Mhz
Hard disk: min. 100 Mb
Memory: min. 512 Mb

02.2 Operation system

Windows XP (32bit, 64bit), Windows Vista (32bit, 64bit), Win7 (32bit, 64bit), Windows8(x86/x64)

03. Main functions

03.1 Main interface

	tempbase.®					
	Summary		**Graph**		**Table**	

Device Information

Serial Number	TMM150412541	Log Interval	0H 15M 0S	Time Zone	UTC +00:00
Probe Mode	Internal	Start Mode	Right Now	Temperature Type	°F
Multiple Start/Stop	Disable	Start Delay	0D 0H 0M 0S	Pause Enable/Disable	Disable
Internal ID	0000000000001				
Description	Temperature recording.				

Logging Summary

Highest Temperature	0.0 °F	Stop Mode	Manual	Start Time	01/Jan/01 00:00:00
Lowest Temperature	0.0 °F	Stop Mode(actual)	Temporary	Stop Time	01/Jan/01 00:00:00
Average Temperature	23.8 °F	Data Points	0	Elapsed Time	
MKT	24.0 °F	Temporary PDF	Disable		

Alarm Zone	Alarm Delay	Total Time	No.of Violations	First Triggered	Status

Buttons: Download, Save Data, DataBase, Export/Import, Logger Setup, About, Help

If temperature matters.

⊘ Tool buttons

Download	Download recorded data from logger.
Save Data	Manual save data: if current data is not saved into **temp**base.®-D, press this button to save it. During the first data record, the system will automatically save. If new data are recorded, and the user inserts the **temp**mate.® logger to the computer once more, the user needs to save the data manually by clicking this button. It will display a dialog box to save the data.
DataBase	Data base query interface, displays all saved data information.
Export/Import	Export data in the format of PDF, EXCEL or ELT.
Logger Setup	**temp**mate.® datalogger parameter settings.
Help	About **temp**base.®
About	Help

## Parameter information

Device ID	**temp**mate.® Data logger ID
Log Interval	Record interval
Time Zone	Time Zone
Probe Mode	Temperature sensor type (internal or external)
Start Mode	Logger start mode (manual or timed)
Temperature Type	Temperature type (Celsius or Fahrenheit)
Multiple Start/Stop	Permit logger to be started or stopped for several times
Start Delay	Logger start delay time
Pause Enable/Disable	Permit/prohibit pause of logger
Travel ID	Travel ID number
Travel DSC	Travel description
Highest Temperature	Max. temperature
Stop mode (set)	Stop mode-setting value
Lowest Temperature	Min. temperature
Stop mode (actual)	Actual stop mode
Stop Time	Stop time
Average Temperature	Average temperature
Data points	The total recorded pieces
Elapsed time	The total recording time
MKT	Mean kinetic temperature
Temporary PDF	Permit to temporarily generate a PDF file after inserting the logger
Over	Upper alarm limit
Below	Lower alarm limit
Alarm delay	Alarm delay time
Total time	The accumulated alarm time
Alarm events	The times alarm occurs
First triggered	First alarm time
Status	Logger alarm status

Data graph
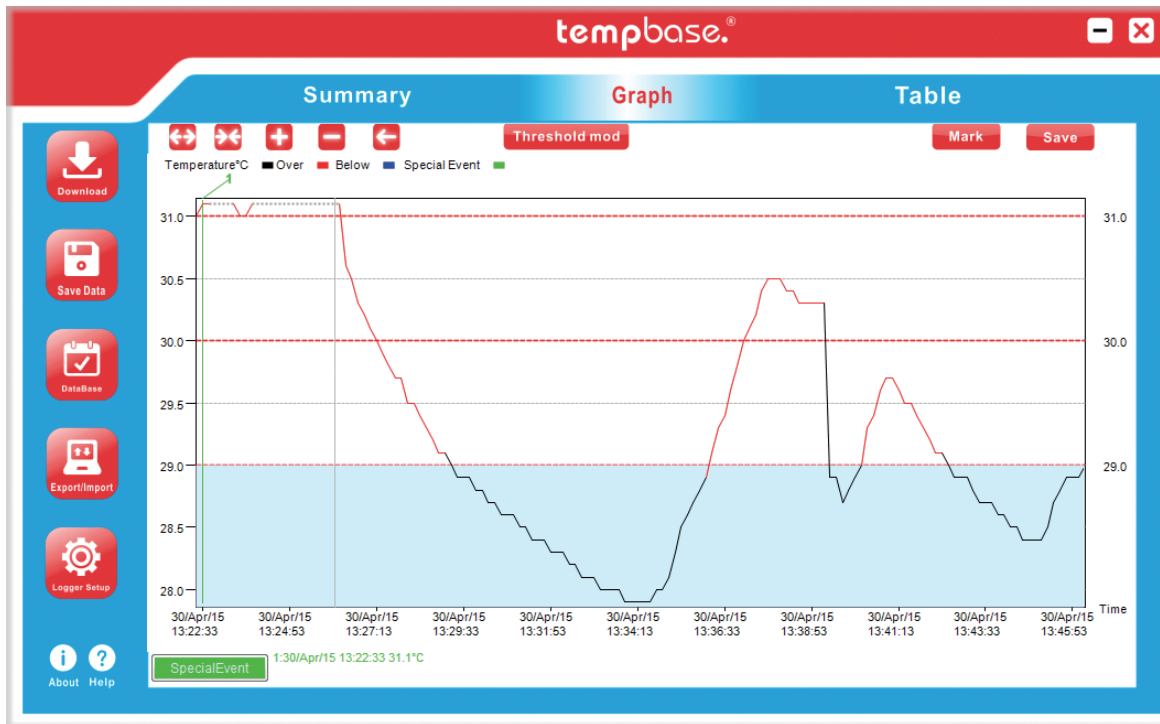
	Stretch curve horizontally
	Swage curve horizontally
	Curve zoom in
	Curve zoom out
	Return curve to the original size
Threshold mod	Modify alarm threshold dynamically
Mark	Marking function in the curve
Save	Save the marking in the curve
SpecialEvent	Marking event display function

If temperature matters.
JMEC

imec Messtechnik GmbH
Lilienthalstraße 23
74078 Heilbronn
T +49 7066.9150 230
F +49 7066.9150 233
info@imec.de
www.imec.de

Data graph

First	Display first page data
Back	Display previous page data
Next	Display next page data
End	Display last page data
GO	Skip to the specific page

If temperature matters.

imec Messtechnik GmbH
Lilienthalstraße 23
74078 Heilbronn

T +49 7066.9150 230
F +49 7066.9150 233

info@imec.de
www.imec.de

03.2 Data query page

⚙ Data graph

	tempbase.®					⊟ ☒

Device	Data Sum	Highest	Lowest	Start Time	Stop Time	Status
☐ TMM150400001_0000000000001	144	31.1°C	27.9°C	30/Apr/15 13:22:23	30/Apr/15 13:46:13	OK
☐ TMM150100003_0000000000001	20	23.4°C	22.4°C	22/Apr/15 16:45:14	22/Apr/15 16:48:24	OK
☐ TMM150400042_0000000000001	70	18.1°C	18°C	22/Apr/15 08:36:45	22/Apr/15 08:48:15	OK

1 / 1   3   ◄◄ First   ◄ Back   Next ►   End ►►

Select All	Select all loggers
Show	View the detailed information of the selected logger
Delete	Delete the data of selected logger
Overtemperature Device	Display all loggers which have exceeded upper/lower limit
All Device	Display all recordings (including the normal temperature data and over temperature data)
Backup/Restore	Data management function
Back	Back to home page
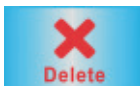
03.3 Data management page

⊘ Data graph
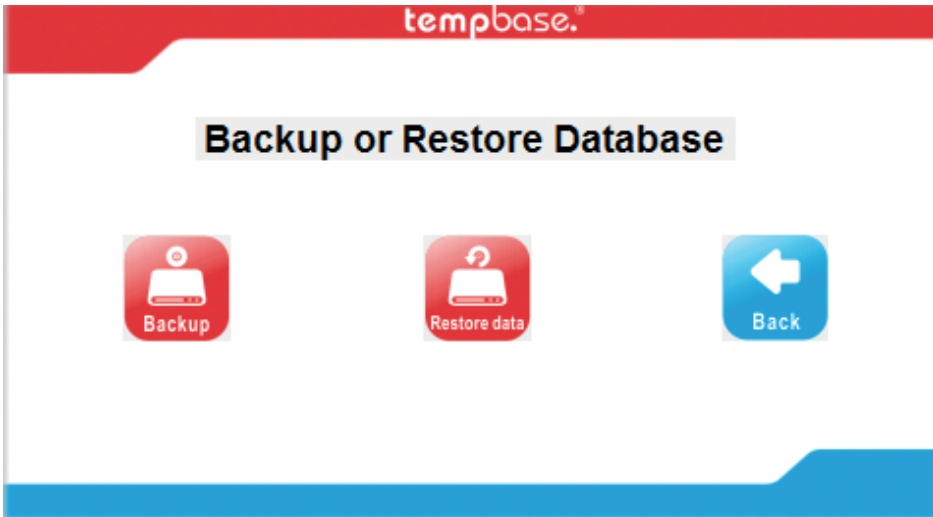
	Data backup (save data in the format of ELT)
	Data restore (Restore ELT file and read it by software)
	Back to home page

04. Parameter settings page

1. Serial number	Shows the serial number of the connected device
2. Internal ID	Internal ID can be saved to the **temp**mate.®-M1
3. Log Interval	Adjust the time between the measuring points
4. Log cycle	Calculates the maximum runtime until the storage is full
5. Probe mode	Choose whether internal or external sensor should be used
6. Password	Enable or disable password function (PDF can't be read out without password)
7. Set password	Choose a password with 6 digits or characters
8. Start mode	"Right now" **temp**mate.®-M1 starts working after disconnecting "Manual" **temp**mate.®-M1 starts after pressing "Start" for 5 seconds "Timing" start date and time has to be set before, **temp**mate.®-M1 starts automatically when the logger reaches the start time. It can't be started before!
9. Start delay	Choose start delay (unlocked in manual start mode)
10. Start time	Choose start time (unlocked in timing start mode)
11. Description	Type your own description here
12. Multiple Start/Stop	Enable ➲ **temp**mate.®-M1 can be restarted after the device was stopped Disable ➲ **temp**mate.®-M1 can't be restarted without configuration after the device was stopped

13. Pause Enable/Disable	Enable or disable the "Pause" mode
14. Temporary PDF	Enable ➜ PDF is automatically generated when **temp**mate.®-M1 is running and connected to a PC Disable ➜ **temp**mate.®-M1 doesn't create a PDF when it is running and connected to a PC
15. Time Zone	Change the time zone (factory setting is UTC +00:00)
16. Display Time	Setup the time the display is active
17. Stop Mode	Manual ➜ ring memory, old data will be overwritten if memory is full Max capacity ➜ logger stops when the memory is full
18. Temp. unit	Switch the temperature unit between "°C" and "°F"
19. Battery	Shows the battery status of the current device
20. Alarm	Choose the alarm mode between No Alarm ➜ No alarm setting, only temp. recording Single Alarm ➜ one "over" and "below" alarm point can be setup Multiple Alarm ➜ up to 3 "over" and 2 "under" alarm points can be setup
21. Alarm Zones	Enable or disable the desired alarm zones (depends on the chosen alarm mode)
22. Temperature	Choose the alarm temperature
23. Alarm Mode	Choose between single or cumulative
24. Alarm Delay	Choose the alarm delay in 10 sec. steps
save	Save parameters
Save Setting	Save parameter settings
Load Setting	Load parameter settings
Back	Back to home page
	Temperature adjustment

05. Sensor adjustment page

Temperature adjustment range: for Celsius ±5.0°C; for Fahrenheit ±20F

06. Export data page
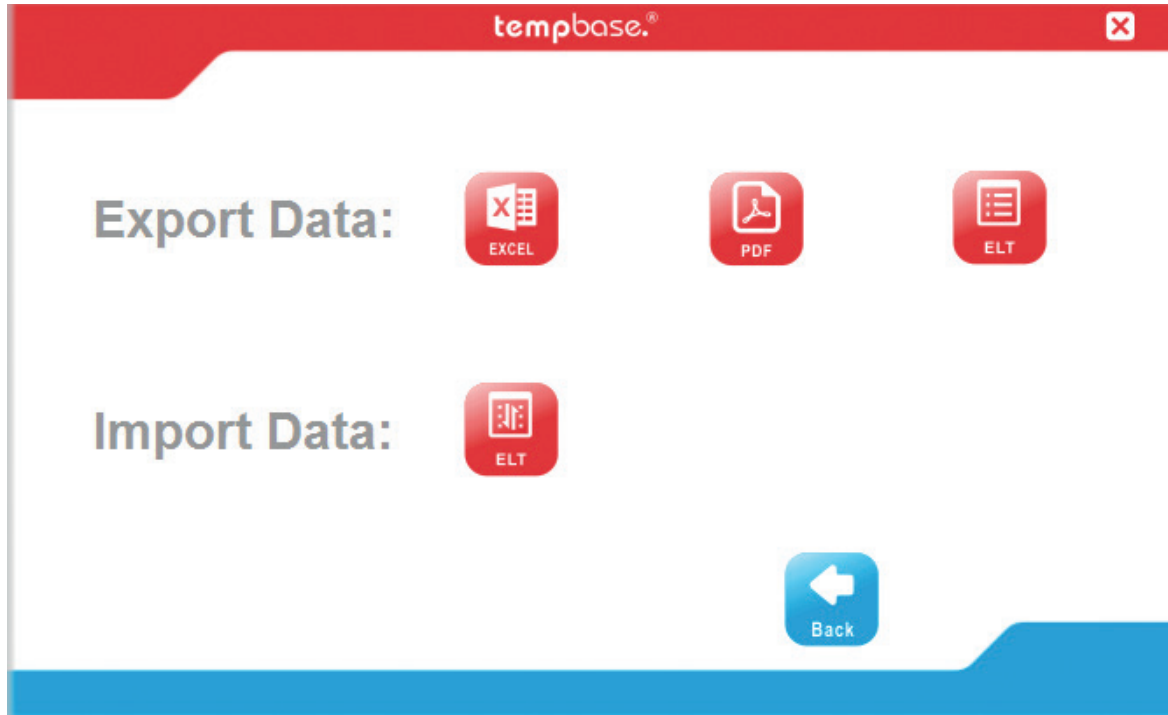
	Export data in the format of EXCEL	
	Export data in the format of PDF	
	Export data in the format of ELT	
	Restore/insert ELT data to the software	