Tempnote®

USER MANUAL

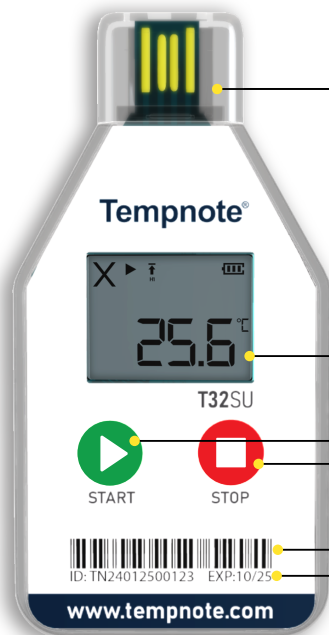EN

Tempnote® T32SU
Single-Use Temperature Data Logger

T32SU/2024

For more information about
Tempnote® T32SU data logger
please visite our website.

www.tempnote.com

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Frontside

USB Protection Cap

Tempnote®

25.6 ℃

T32SU

Intuitive LCD Screen

START | STOP

Start Button
Stop Button

ID: TN24012500123   EXP:10/25

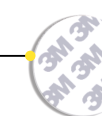Device Serial Number
Use By MM/YY

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Backside

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Quick Notes

PO# 123545

HAWB# TPX3545675

IND-USA @Temp 15°C-25°C

Adhesive Sticker

CE   RTCA DO-160
      EN12830

Product by Tempnote Inc. (USA)

⟐ LCD display description
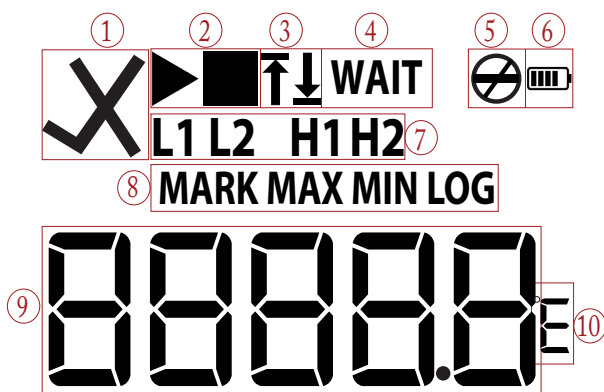
1	✓ Normal / ✗ Alarm	6	▭ Battery Power
2	▶ In Recording Status / ■ Stop Recording	8	Interface Indication
3 & 7	Alarm area: ↑ H1 H2 (High Temperature Alarm) / ↓ L1 L2 (Low Temperature Alarm)	9	Temperature Value
4	WAIT Start Delay Status	10	Temperature Unit
5	⊘ Stop button disable		

⟐ Technical Specifications

Recording Option	Single Use	**Certifications**	EN12830, CE, RoHS
Temperature Range	-30°C to +70°C	**Validation Certificate**	Hardcopy in Package
Temperature Accuracy	± 0.5 °C (-30°C to +70°C)	**Report Generation**	Plug-N-Play
Temperature Resolution	0.1°C	**Report Format**	Auto, PDF and CSV
Data Storage Capacity	32,000 Readings	**Password Protection**	Optional on request
Shelf Life / Battery	2 Years	**Connection Interface**	USB 2.0 Interface
Recording Interval	User Configurable (10 seconds to 18 hours)	**Alarm Configuration**	High and Low Alarm
Recording Duration	300 + Days (Customizable)	**Reprogrammable**	Tempnote Analyzer Software
Startup Mode	Button Start or Timed Start	**Accessories Incl.**	Shipping Documents
Protection Level	IP65		Calibration Certificate
Product Size	96 mm x 49 mm x 7.5 mm		
Product Weight	25g		

Please visit www.tempnote.com to download Calibration Certificate online.

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Operation Instructions

1 START

LONG PRESS ▶ START BUTTON FOR 3 SECONDS

Keep start button long pressed for minimum 3 seconds to start recording. Then display will show ▶ or **WAIT** which indicates a successful starting.

2 STOP

LONG PRESS ◻ STOP BUTTON FOR 3 SECONDS

Keep stop button pressed for minimum for 3 seconds to stop recording. Then display will show ■ which indicates a successful stopping.
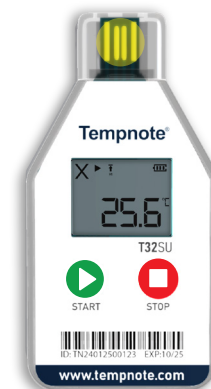
3 REPORT

PLUG LOGGER'S USB TO COMPUTER USB PORT

Remove plastic cap and plug the logger to USB port of computer. PDF + CSV report will be autogenerated which can be found in the device's folder.

⟳ Operation Indication
Start / Stop

Status	Action	Display Confirmation
Start Logger	3 sec Long Pressing ▶ button	Display will show ▶ or **WAIT**
Stop Logger	3 sec Long Pressing ■ button	Display will show ■

⟳ Status Request by pushing Start Button 1 time
Start / Stop

Status	Action	Display Confirmation
Not Started	Push ▶ Start Button 1 Time	Temperature + ▥
Recording	Push ▶ Start Button 1 Time	Temperature + ▥ + ▶
Stopped	Push ▶ Start Button 1 Time	Temperature + ▥ + ■

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1. Press start ▶ button 1 time, Logger is in idle condition.

2. T32SU is in recording mode and it is within pre-set temprature limits.

3. T32SU is recording and it has crossed upper and lower temprature limits.

4. T32SU has been stopped and ■ is showing on display.

5. T32SU is started successfully and it is in start delay period. **WAIT** symbol can be seen on a display.
   (If Stop button is disable then this ⊝ symbol can be seen on display)
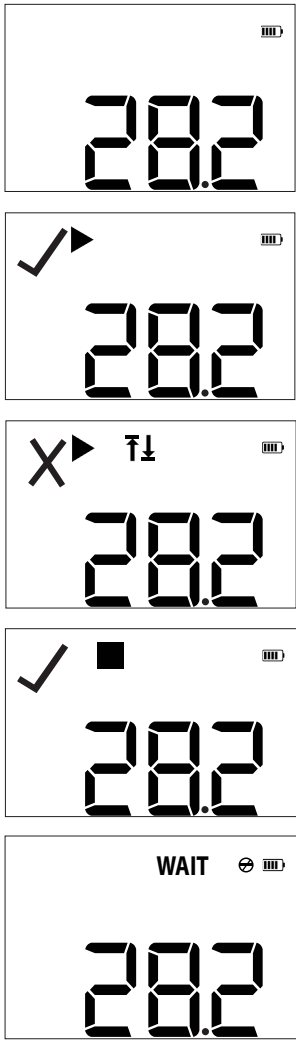
↘ Factory default parameters of device

Project	Parameters
Temperature Unit	°C
Temperature Alarm Limit	-30°C to +70°C
Alarm Delay	10 Minutes
Recording Interval	15 Minutes
Start Delay	0 Minutes
Equipment Time	UTC +5:30
LCD Display Time	1 Minute
Start Mode	Press Button To Start

To change default parameters download Tempnote Software from www.tempnote.com