



tlogSMART USB Temperature Data Logger with Intelligent LCD display (-30 to +70°C)

TL-781



Range:
-30 to +70°C



Direct USB
A-Type



Automatic
PDF Report



Huge Memory
16,000 Readings



EN 12830
Compliant



Robust Case
Transit Safe



ISO 9001:2015
Certified Company



CE
Compliant

- ▶ Highly Accurate Temperature USB Logger with LCD display
- ▶ Large Memory Capacity 16K (16000 readings)
- ▶ Trigger Start | Delay Start | Trigger Stop option
- ▶ No Cable | No Reader are required for data retrieval
- ▶ Customized Data Logging Solution as per User Requirements
- ▶ Sleek, Robust & Tamper-Proof Case
- ▶ Intelligent LDC display - current readings, min/max/avg. value & alarm status
- ▶ Online Software for Global Installation
- ▶ Direct USB 2.0, A-Type Plug Integrated for Independent Interface
- ▶ One Touch PDF Report for Easy End of Trip Download
- ▶ Individual Logger Calibrated at User define Points – National | International Traceable
- ▶ Facility Audit & Pre-dispatch Inspection Available for Traceability

tlogSMART is most accurate; intelligent & economical logger with large memory capacity and multi-function display showing current reading, minimum | maximum | average values, alarm status, etc... Extremely useful for sensitive products requiring local display for monitoring storage & in-transit temperature conditions of pharmaceuticals, vaccines, biological products, chemicals, fragile agricultural products, etc...

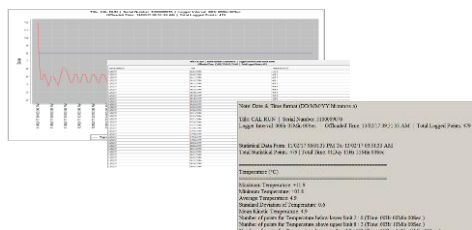
Sleek design with robust casing has an advantage of placing it easily with sensitive products for monitoring actual product temperature condition. Factory programming as per user requirements enable quick start anywhere without using PC/Laptop. If required, User-Programmable units are also available instead of factory programmed to help users to set their required logging interval, delay start & alarm limits while activating loggers. 'OK' status for No-Alarm condition enables immediate acceptance and rejections decision making.

TL-781 has huge inbuilt memory capacity of 16,000 readings with an integrated A-type USB port for an independent PC interface at the receiver end. No need of any additional hardware reader or cable to connect logger & download recorded readings from it. All recorded readings are available in tamper-proof .INN format (100% non-editable format) and secured PDF format. TLog Software available online for global installation confirming retrieved file in .INN format is original, tamper-proof & secured.

Specifications:

Type:	Temperature USB Logger with intelligent LCD display
Range:	-30 to +70°C (-22 to +158°F)
Accuracy:	better than $\pm 0.5^\circ\text{C}$ (optional: $\pm 0.3^\circ\text{C}$)
Resolution:	0.1°C
Memory Type:	Non-volatile
Memory Capacity:	16,000 readings
Logging Interval:	1 minute to 18 hours (pre programmed as per User requirements)
Delay Start:	1 minute to 10 days (pre programmed as per User requirements)
Alarm:	2 programmable High & Low Alarm set points (pre programmed as per User requirements)
Indication:	Multi-function LCD display to view Current Reading; Minimum Maximum Average value Status: START STOP RECORDING OK – for No Alarm condition
Push Buttons	Two secured push button to trigger START & STOP logger
Case:	Robust Tamper-proof Polycarbonate / ABS food grade case (optional with IP67 protected waterproof cover)
Dimensions:	L 80mm x H 43mm x W 10mm (approx)
Weight:	30g (approx)
Battery Type:	3.0V Lithium Cell
Battery Life:	12+ months operating life (actual battery condition is displayed in software)
Shelf Life:	24 months dependant on the storage conditions (optimal storage conditions is +15 to +24°C / 45 to 75%RH)
PC Interface:	Direct USB 2.0, A-Type plug (integrated - for independent interface)
Analysis Software:	User-friendly TLog software available online for global installation Abode PDF report including Graph, Table & Summary showing Min./Max./Avg/MKT values
System Requirements:	Windows 7 or higher; Adobe Reader 9.0 or higher
QA Certifications:	Traceable certifications available as per user required calibration check points of individual unit Quality Management System in accordance with ISO9001:2015 certified by TÜV SÜD

Unique Features of Software:



- ▶ Graphical view
- ▶ Table of readings view
- ▶ Statistical view
- ▶ Maximum recorded value
- ▶ Minimum recorded value
- ▶ Average recorded value
- ▶ Mean kinetic temperature value
- ▶ Overlay of graphical view
- ▶ Time spent over specified set limits
- ▶ Time spent below specified set limits
- ▶ Display current temperature reading
- ▶ Display Actual Battery Voltage
- ▶ Auto Comport Detection
- ▶ One click detailed PDF report

