## TL2 Series Highly Accurate Temperature / Relative Humidity Logger with Intelligent LCD display and direct USB



### THDU-M SMART 32K (-30 to +70°C / 0 to 100%RH)

- Highly Accurate Temperature / RH Logger with Intelligent LCD display
- Large Memory Capacity
- Trigger Start & Delay Start options
- User programmable Logging Interval
- User programmable Alarm Limits
- LCD display to view current reading, Min/Max/Avg readings & Status
- Sleek, Robust & Tamper-Proof Case
- Direct USB interface
- One Touch Complete PDF Report including Graph, Summary & Table
- Online Software for Global Installation

### SECURE YOUR COLD CHAIN 100%

THDU-M 32K is highly accurate multi-use temperature / relative humidity recorder with multi-function LCD display and large memory capacity specially designed for monitoring storage & in-transit conditions of pharmaceuticals, vaccines, biological products, chemicals, fragile agri products, etc…

The unit's small size has an advantage of placing it easily with your products for monitoring actual product temperature / relative humidity. User can set required logging interval, delay start & alarm limits while activating loggers. Integrated multi-function display to view Current Reading, Min. / Max. / Average values & 'OK' status for No-Alarm condition enables immediate decision making

Recorded readings from data logger can be easily downloaded directly via TLog Software – "No Special PC interface cable is required". TLog user-friendly software offers an easy way to analyze downloaded readings

## Specifications:

**Type:**
Multi-Use Temperature / Relative Humidity Loggers

**Range:**
-30 to +70°C / 0 to 100%RH

**Accuracy:**
better than ±0.5°C / ±3%RH

**Logging Interval:**
5 seconds to 18 hours
(user programmable)

**Delay Start:**
30 seconds to 10 days
(user programmable)

**Memory:**
32,000 readings (16,000 readings per channel)

**Case:**
Sleek, Robust & Tamper-proof
Polycarbonate / ABS (Food Grade)
Dimension: Diameter: 55mm; Thickness: 14mm;
Mounting Hole: 6mm (approx); Weight: 28g (approx)

**Alarm:**
2 programmable High & Low Alarm set points
(user programmable or pre programmed)

**Software:**
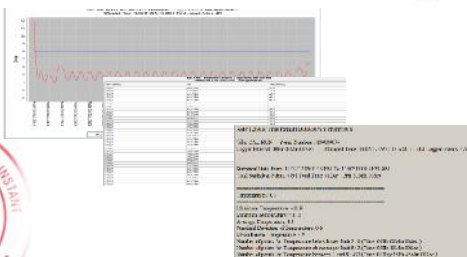User-friendly software available online for global installation with detailed PDF report including Graph, Summary & Table

**LCD Display:**
Current reading; Minimum / Maximum / Average value;
Status [START | STOP | RECORDING | OK]

**PC Interface:**
**Direct USB** - No special PC interface cable is required

**Certifications:**
Our Quality Management System is in accordance with ISO 9001:2008 certified by TÜV SÜD. We have in-house calibration lab to provide initial calibration of individual loggers at User define temperature points.

Varieties of NIST traceable certifications are available like Certificate of Validation, Certificate of Accuracy, Certificate of Calibration as per user required multi check points

## Unique Features of Software:

| | |
|---|---|
| Graphical view | Overlay of graphical view |
| Table of readings view | Time spent over specified Temp/RH limits |
| Statistical view with time selection tool | Time spent below specified Temp/RH limits |
| Maximum recorded value | Display current temperature reading |
| Minimum recorded value | Display Actual Battery Voltage |
| Average recorded value | Auto Comport Detection |
| Mean kinetic temperature value | One click detailed PDF report |