Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
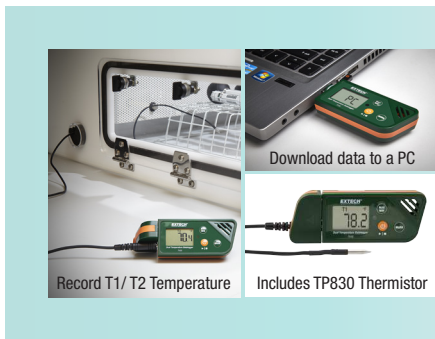
Contact us

PRODUCT DATASHEET

TH30 USB Dual Temperature Datalogger

Download data to a PC
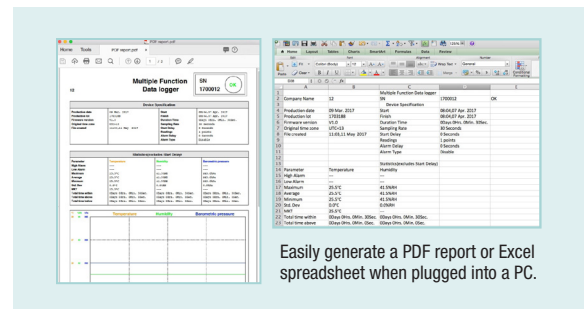
Record T1/ T2 Temperature

Includes TP830 Thermistor

Easy-to-use datalogger records T1 (Air Temperature) and T2 (External Probe Temperature - includes TP830 probe) with date/time stamp. The datalogger is designed with a rugged housing and a standard USB connector where stored readings (up to 48,000 data) are conveniently transferred to a PC in PDF or Excel® spreadsheet format when plugged in. Additional features include an 8-location logger bookmark, 6-language options, programmable sampling interval, adjustable alarm, and password-protected security log-in. Large LCD optimizes viewing and the smart LED provides color-coded temperature reading status.

Features

- Compact size housing with built-in NTC thermistor and external temperature probe designed with standard USB connector for easy data downloading to a PC
- 5-digit LCD display with battery life indicator
- User programmable settings: 6 languages, sample rate, start delay time, alarm delay time, high/low alarm range, and security feature
- Status Indication via Red and Green LEDs
- Start button begins continuous datalogging, which continues until memory is full at 48,000 readings (24,000 for each parameter: T1 and T2), or when Stop button is pressed
- Bookmark 8 locations in a data recording log with a press of the Mark button
- Long battery life (approx. 3 months)

- Generates a PDF report or Excel® spreadsheet with data and trending graph when plugged into a PC after datalogging is completed (Adobe® Reader® required)
- Max/Min function
- Includes (2) CR2032 batteries, USB cover (can be used as a stand), TP830 probe, and built-in hanger

Easily generate a PDF report or Excel spreadsheet when plugged into a PC.

Specifications	Range	Max Resolution	Basic Accuracy
Temperature (Probe and Air)	-22 to 158°F (-30 to 70°C)	0.1°	±1.0°F (±0.5°C)
Datalogging interval	30 seconds to 2 hours		
Memory	Air Temperature (T1): 24,000 data; External Probe Temperature (T2): 24,000 data		
Dimensions/ Weight	4.3x1.6x0.75" (110x40x19mm)/ 1oz (90g)		

Ordering

TH30 .... USB Dual Temperature Datalogger
TP830 .... 0.78" (2cm) Stainless Steel Thermistor Probe with 39" (1m) cable (-22 to 158°F/-30 to 70°C)
TP832 .... 5.9" (15cm) Stainless Steel Thermistor Probe with handle and 43" (1.1m) cable (-22 to 158°F/-30 to 70°C)

CE

TH30 UPC Code: 793950422304