

Tekneka 5730 is a dual-channel temperature data logger that includes two 2-meter exterior penetration probes that can measure temperatures between -40 and 125°C. The large (3.9-inch) LCD panel with lighting characteristics allows you to see measured values. This device can automatically generate encrypted data reports and save up to 25,920 measurements when connected to a PC via micro-USB (txt, CSV, Xls, or dlg). The software allows you to access previously recorded records, do graphical analyses, calibrate, encrypt passwords, limit alarms, and alter various functional settings. The start/stop recording, temperature readings (MIN/MAX/AVG), verifying alarm set limits, and backlight function may all be done with the touch-sensitive controls. The Precise sensor provides you with an accurate measured value within 5 seconds of the display refresh interval. It is powered by 3 x 1.5V AAA batteries and may be switched off for an extended period of standby time.

Features

- 3.9-inch larger LCD screen with backlight and extended standby time
- 25,920 readings can be stored in its storage capacity
- Most effective touch-sensitive buttons for quick navigation
- Automatic keypad lock to prevent unintentional disruption
- When in record mode, displays minimum, maximum, and average readings
- If it exceeds the specified limit, an audible buzzer alarm is available
- Allows for the insertion of several sensor probes (higher range)
- When the record state is active, users can mark up to 3 points
- Allows for multiple calibration points for this device
- Easily export the necessary data while exploring in graph mode
- Previous data will be stored by software, which helps in analysis at any moment
- Allows the option of continuing recording to prevent having to configure each time



Applications

This 5730 dual-channel temperature data logger can be widely used in Agricultural Greenhouses, Breeding Facilities, Museums, Pharmaceuticals, Laboratories, Hospitals, Production Facilities, Food Transportation, Quality Inspection, Warehouse Storage, Homes, and Office Environment Monitoring.

Packing Includes

- 5730 Data Logger
- 2 x Penetration Probes
- Micro-USB Cable
- 3 x 1.5V AAA Batteries
- 1 Set of Screw & Wall Plug
- Software CD
- User Manual



Ordering Info.

- 5730.....Dual Channel Temperature Data Logger
- 5730-P.....Temperature Sensor Penetration Probe (2-Meter Cable)

Description	Ranges
Temperature Measuring Range	-40 to 125°C (-40 to 257°F)
Temperature Accuracy	±0.3°C (-10 to 65°C), ±0.5°C (other)
Display Resolution	0.1°C
Temperature Sensor Channels	2 channels
External Sensor Dimension	Ø5mm, L: 80.5mm (3.1-inch)
Memory Range	25,920 readings
Export Report Format	txt/CSV/Xls/dlg/graph
Data Logging Interval	≥10 seconds to 24 hours
Buzzer Alarm	Upper & Lower limit setup (°C)
Interface	Micro-USB, Software CD
LCD Refresh Interval	5 seconds
Battery	3 x 1.5V AAA
Operating Conditions	-30 to 65°C (-22 to 149°F)
Protection Class	IP20
Dimension	96 x 108 x 20mm/Box: 107 x 157 x 59mm
Weight	Net: 120g/Gross: 299g