

Tekneka 5740 is a Indoor/Outdoor temperature datalogger that comes with 2-meter external blend type probe. This device can measure both indoor (-30 to 65°C) and outdoor (-40 to 125°C) temperatures. The large LCD screen (3.9inch) with back light functions gives you better view clarity of measured values. This device can record up to 25,920 readings and automatically generate encrypted data reports while connected to a PC via micro-USB (txt/csv/xls/dlg). The software will allow you to do graphical analyses, calibration, password encryption, alarm limits, access to previous recorded history and other functional settings.

The touch-sensitive buttons help to navigate start/stop recording, temperature readings (MAX/MIN/AVG), view alarm set limits & back light function. This precise sensor gives you an accurate measured value within 5s of the display refresh interval. It is powered by 3 x 1.5V AAA batteries, the display can be switched off for a long standby time.

Features

- 3.9 inch bigger LCD screen with backlight and longer standby time
- It has a huge storage capacity of recording 25,920 readings
- Best touch-sensitive buttons for fast navigation
- Auto keypad lock to avoid accidental interruption
- Shows maximum, minimum and average readings while in rec mode
- Audible buzzer alarm available if it exceeds set limit (°C)
- Can support adding multiple sensor probes(higher range)
- Generate encrypted report without software (txt/csv/xls/dlg-format)
- Advanced analysis & initial configuration through supplied software
- Allows to Calibrate (°C) this device at multiple points
- This software will store previous data and helps to analyze any time
- Explore in graph mode and export required data without any effort
- Allows resume recording option to avoid configuring every time
- Users can mark up to 03 points while in the record state



Application

Widely used in agricultural greenhouses, breeding facilities, museums, pharmaceuticals, laboratories, hospitals, production facility, food transportation, quality inspection, warehouse storage, home and office environment monitoring.

Package Includes

- 5740 main device
- Blend probe (01 Qty, 2 meter cable)
- Micro-USB cable
- Software CD
- User manual
- 3 x 1.5V AAA batteries
- 1 Set of screw & wall plug



Ordering Info.

- 5740.....Indoor/Outdoor temperature datalogger
- 5700-PB....External blend probe (1 Qty, 2 meter cable)
- 5700-PM...External immersion probe (1 Qty, 2 meter cable)

Description	Ranges
Indoor Temperature Measurement	-30 to 65°C (-22 to 149°F)
Outdoor Temperature Measurement	-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	02 Channels (CH1: Indoor, CH2: Outdoor)
External Sensor Dimension	Ø5mm, L: 80.5mm(3.1in) blend probe
Memory range	25,920 readings
Export report format	txt/csv/xls/dlg/graph
Data logging interval	≥ 10sec to 24hrs
Buzzer alarm	Upper & Lower limit setup (°C)
Interface	Micro-USB, software CD
LCD refresh interval	05 sec
Battery	3 x 1.5V AAA
Operating/storage temperature	-30 to 65 °C
Protection class	IP20
Dimension	96 x 108 x 20mm/pack: 107 x 157 x 59mm
Weight	Net: 120g/ Gross: 306g