

Tekneka T540 is a four-channel thermometer data logger that uses external thermocouples of types K, J, and T to measure temperature. With a real-time temperature change curve, it measures temperatures between -200 and 1370°C. A multi-point calibration capability and an audible beep alarm for high and low limits are also features of the Tekneka T540 that increase measurement accuracy. Without the need for any additional software, it can export data in the TXT, CSV, or XLS formats to a PC and save up to 20,000 readings of data with customized logging intervals. It has a 2.3-inch dot matrix LCD display with a backlight, a data-holding feature, the ability to easily switch units from °C to °F, and the ability to see MIN/MAX/AVG values.

### Features

- 2.3-inch dot matrix LCD display with backlight
- Storage capacity of 20,000 recorded readings
- The real-time temperature change curve
- Ability to view MIN/MAX/AVG numbers when recording
- If the High/Low limits are exceeded, an audible buzzer alarm is available
- No software needed to set sample intervals and export data
- It has the capacity to HOLD current measurement data
- Easy to change temperature units & probe type
- Export recorded data to TXT, CSV, or XLS format
- Multipoint calibration option is also available



### Applications

This four-channel thermometer data logger has a wide range of applications in the Chemical Production Industry, Process Plant Facilities, Agricultural Greenhouses, Breeding Facilities, Pharmaceuticals, Labs, Hospitals, Appliance Testing, and Production Facilities.

### Packing Includes

- T540 Thermometer
- 3 x AAA 1.5V Batteries
- Micro-USB Cable
- 4 x Type-K Bead Wire Temperature Probes (1.5 Meter)
- Protection Case with User Manual



### Ordering Info.

- T540.....Four Channel Thermometer Data Logger
- P15-K.....Type-K Bead Wire Temperature Probe (1.5 Meter)
- P50-K.....Type-K Bead Wire Temperature Probe (5 Meter)

Description	Type-K	Type-J	Type-T
Temperature Measurement	-200 to 1370°C	-200 to 1200°C	-200 to 400°C
Device Accuracy	±(0.3% t , ±0.4)°C		
Display Resolution	0.01°C		
Temperature Sensor Channel	Four channel		
LCD Refresh Interval	2 times/second		
Memory Range	20,000 readings		
Logging Interval	1 to 86399 seconds (1 second to 24 hours)		
Export Report Format	TXT/CSV/XLS		
Buzzer Alarm	Upper & Lower limit setup		
Interface	Micro-USB		
Battery	3 x 1.5V AAA		
Operating Temperature	-10 to 50°C (14 to 122°F)		
Storage Temperature	-20 to 60°C (without batteries)		
Protection Class	IP52		
Dimension	174 x 73 x 40mm/Box: 260 x 215 x 73mm		
Weight	Net: 214g (no batteries & probes)/Gross: 863g		