

The Tekneka TH650 temperature/humidity chart recorder features a detachable/extensible sensor with a range of -20 to 80°C/10 to 95%RH. A huge graphical analysis and quick response are features of the enormous 7-inch touchscreen LCD. The Tekneka TH650 can record up to 49,000 readings and can be easily exported as a (.csv) file when connected to a PC via USB-C. An audible beep sound and visual alarm indicator aid in alerting changes in the monitoring environment. It allows you to set the time and date, high/low alarm thresholds for temperature and humidity, and custom recording intervals. The menu can be navigated to general configuration, recording interval setup, alarm, history, display settings, and data & time. This precision sensor provides an exact measured value within 60s of the default display refresh rates. The display may be turned off for extended sleep times and is powered by 3000mAh lithium batteries and a 5V USB-C power supply.

Features

- 7-inch bigger LCD screen with large graphical trends of measurements
- Humidity, temperature, and dew point values are displayed simultaneously in numerical and graphical form, along with time and date in Live Mode.
- It has a huge storage capacity of 49,000 readings
- Measuring interval starts from 01sec to 24hrs
- Generate report without software in a .CSV format via USB-C
- An audible buzzer alarm is available if it exceeds the set limit (°C, %RH)
- Easy to view the recorded history in the device
- The memory progress bar displays the amount of consumed and free memory that is still available.
- It displays maximum and minimum temperature and humidity
- Recalibration is not required for field-replaceable probes
- It can be used on a desktop or wall mount
- Easy display sleep mode to reduce battery consumption



Application

Widely utilized in office environments, hospitals, agricultural greenhouses, breeding facilities, museums, pharmaceuticals, laboratories, production facilities, warehouse storage, home and restaurant monitoring.

Package Includes

- Wall mount bracket
- Detachable probe
- Probe cable 1meter
- USB cable
- Universal adaptor
- User manual

Ordering Info.

- TH650.....Temperature Humidity Chart Recorder
- TH650-P.....Detachable Sensor
- TH650-EC...Probe cable 1meter

Description	Ranges
Temperature Measuring Range	-20 to 80°C
Temperature Accuracy	±1.5°C (@-20 to -10°C), ±0.5°C(-10 to 80°C)
Humidity Measuring Range	10 to 95%RH
Humidity Accuracy	±2.5%RH (@25°C, 20 to 80%RH), ±3.0% (Other)
Dew Point Temperature	-20 to 80°C
Display Resolution	0.1°C/0.1%RH
Display	7-inch LCD Touch screen
Resolution	1024x600 FHD
Sensor Type	Detachable or 1m probe extension cable
Mounting Type	Desktop or Wall mount
Internal Memory Range	16GB (11GB used for data storage)
Export Report Format	.csv
Data Logging Interval	≥ 01sec to 24hrs
Buzzer Alarm	Upper & lower limit setup for °C, %RH
Interface	USB-C
LCD Refresh Interval	Default: 60 sec
Power Supply	3000mAh Lithium battery (inbuilt)
Operating Temperature	Device: -10 to 40°C /Sensor: -20 to 80°C
Dimension	Device: 195 x 11.7 x 2.3cm/Box: 22 x 14 x 9.5cm
Weight	Net: 425g/Gross: 920g