

The Tekneka 540 is a digital psychrometer designed to deliver accurate environmental measurements. It measures temperature from -20 to 60°C, humidity from 0 to 100%RH, dew point temperature from -26 to 50°C, and wet bulb temperature from -20 to 50°C, making it an essential tool for professionals in HVAC, environmental monitoring, and industrial applications. With its compact and user-friendly design, the Tekneka 540 ensures precise data collection for critical processes such as climate control, agriculture, and construction. Whether used in the field or laboratory, this psychrometer provides dependable results to meet your operational needs efficiently.

### Features

- Bluetooth Data Logging: Easily log and transfer data wirelessly for efficient analysis
- 2.4" Dual LCD with Backlight: Offers a clear, easy-to-read interface, even in dim lighting
- MAX, MIN, and HOLD Function: Track and lock critical readings for detailed analysis
- °C/°F Selectable Function: Effortlessly switch between Celsius and Fahrenheit for convenience
- Auto Power Off: Energy-saving feature prolongs battery life by shutting off when idle
- Low Battery Indicator: Alerts users to replace the battery for uninterrupted operation
- Data Extraction: Can export data in a .csv file and examine results on a smartphone
- Compact and User-Friendly Design: Portable and intuitive for field and on-site measurement



### Applications

The Tekneka 540 digital psychrometer is widely applicable to the Pharmaceuticals, Laboratories, Hospitals, Manufacturing Plants, Food Industries, Quality Inspections, Storage Warehouses, Homes, and Office Environment Monitoring Industries.

### Packing Includes

- 1 x 9V Battery
- User Manual
- Carrying Case

Description	Ranges	Accuracy	Resolution
Temperature	-20 to 60°C (-4 to 140°F)	±0.5°C/0.9°F	0.1°C/°F
Humidity	0 to 100%RH	±3%RH	0.1%RH
Dew Point Temperature	-26 to 50°C (-14.8 to 122°F)	±1°C/1.8°F	0.1°C/°F
Wet Bulb Temperature	-20 to 50°C (-4 to 122°F)	±1°C/1.8°F	0.1°C/°F
Display	2.4" Dual LCD with Backlight		
Sensor Type	Thermistor, Accurate Capacitance Sensor		
Data Logging	Via Bluetooth (Mobile App)		
Logging Interval	1 second to 10 minutes 59 seconds		
Log Duration	1 minute to 10 hours 59 minutes		
Memory Range	Mobile Storage		
Operating Temperature	0 to 50°C (32 to 122°F)		
Storage Temperature	-20 to 60°C (-4 to 140°F)		
Battery Type	9V battery		
Dimension	Instrument: 270 x 76 x 50mm   Package: 380 x 283 x 103mm		
Weight	Net: 255g   Gross: 1.6kg		

### Ordering Info

540..... Digital Psychrometer

