



**Product Datasheet**

**English**

**Stock No:193-8695**

# Dew point/ Wet Bulb/Psychrometers

EN



## **Description**

- This meter is a complete digital psychrometer and a very valuable HVAC diagnostic tool. As a psychrometer, it measures wet bulb(WB), dry bulb(DB), percent relative humidity (RH%), and dew point(DP).
- The meter can diagnose problems with air flow across the evaporator.
- It can also calculate the target superheat of a fixed restrictor air conditioning system.
- Use the NORM mode (Normal psychrometer) to display wet bulb (WB), dry bulb(DB), percent relative humidity(RH%),or dew point(DP).
- Use TSH (Target Superheat) to set the proper refrigerant charge for a fixed restrictor system.
- Use the thermocouple to easily measure Actual Superheat without the need of additional charts.
- Use TEET (Target Evaporator Exit Temperature) to ensure proper evaporator airflow.

## **Features**

- User selectable NTC measure or Type K measure
- Dew Point Temperature measurement
- Wet Bulb Temperature measurement
- Dry Bulb Temperature measurement
- Calculate the Target Superheat
- Calculate the Target Evaporator Exit Temperature
- User selectable °C or °F
- MAX, MIN, HOLD modes
- LCD display with backlight
- Automatic Power Off
- Low battery display

## Specification

Type K. Range	-50°C to 1372°C(-58°F to 2501°F)
Type K.Accuracy	±[0.5% rdg + 1°C( 1.8°F)]
Type K. Resolution	0.1°(< 1000) or 1°(> 1000)
NTC. Range	0°C to 60°C(32°F to 140°F)
NTC.Accuracy	± 1°C( 2°F)
NTC. Resolution	0.1°
Relative Humidity	0% to 100% RH range
Accuracy	± 2.5%RH(10% to 90%RH) ± 5%RH(0 to 10%RH or 90 to 100%RH)
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C

Accessories :

Type K temperature probe and 9V battery, gift box.