



## DT-851/851A/851G

851/851A 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). Temperature/Humidity & Air Pressure(851A). Psychrometer with Mixing ratio (851G)



Features	DT-851	DT-851A	DT-851G
Dew Point Temperature measure	*	*	*
Wet Bulb Temperature measure	*	*	*
Dry Bulb Temperature measure	*	*	*
User selectable °C & °F	*	*	*
MAX, MIN, HOLD modes	*	*	*
Dual display with backlight	*	*	*
Automatic Power Off	*	*	*
Low battery display	*	*	*
Barometer, altitude, relative height measurement		*	*
Smart phone APP	*	*	*
Psychrometer with Mixing ratio			*
Bluetooth interface	*	*	*

Specifications						
Function	Range	Resolution	Basic Accuracy	DT-851	DT-851A	DT-851G
Humidity	0~100% RH	0.1% RH	±2% RH	*	*	*
Temperature	-30~100°C/-22~199°F	0.1°C/°F	±0.5°C/0.9°F	*	*	*
Dew Point Temp	-30~100°C/-22~199°F	0.1°C/°F	±1°C/1.8°F	*	*	*
Wet Bulb Temp	0~80°C/32~176°F	0.1°C/°F	±1°C/1.8°F	*	*	*
hPa	700~1100 hPa (-20°C~70°C)	0.01hpa	±3hPa		*	*
Mixing ratio	0-999GPP (0-160g/kg)	1GPP				*





  
Temperature

  
0-100% RH

  
°C/°F DP

  
WBT

  
Backlight

• **High Accuracy**

• **Fast Response**

**Dew Point/Wet Bulb/Psychrometer**

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Size (H x W x D): 248mm x 65mm x 45mm  
Weight: 248g

Accessories :  
9V battery, gift box and carrying case.