



1.4dB Accuracy

Level range: 30~130dB



EMC  
EN: 61326

Model 855



855/855S Sound Level Meters are designed for noise project, quality control, illness prevention & cure and all kinds of environmental sounds measurements. It is applied to the sounds measurement at factory, school, office, traffic access and household etc.

Features	855	855S
This unit conforms to the IEC61672-1 class 2 for Sound Level Meters	*	*
MAX & MIN measurements	*	*
Overrange & Underrange display	*	*
A & C Weighting	*	*
FAST & SLOW response	*	*
Analog AC/DC outputs for connection to frequency analyzer or X-Y shaft recorder	*	*
Datalogger function	*	*
Adjustable Alarm-Levels	*	*
Memory for 32700 readings	*	*
Micro SD memory card	*	*
Bluetooth interface to smartphone/PC.	*	*

Specifications	
Standard applied	IEC61672-1 Type 2, ANSI S1.4 Type2
Accuracy	±1.4dB
Frequency range	31.5Hz ~ 8kHz
Dynamic range	50dB
Level ranges	LO:30dB~80dB Med:50dB~100dB Hi:80dB~130dB Auto:30dB~130dB
Time weighting	FAST ( 125mS ), SLOW ( 1s )
Microphone	1/2 inch electret condenser microphone
Resolution	0.1dB
Display Update	2 times/sec
Analog output	AC/DC outputs, AC=1Vrms, DC=10mV/dB

**Size(HxWxD):** 248mm x 65mm x 45mm  
**Weight:** 248g  
**Accessories :**  
9V battery, gift box and carrying case.



Bluetooth

Model 855S

Features
Quickly indicate the moisture content of materials
CM % measured function
Depth of penetration about 20-40mm with alarms.
Measure and HOLD Function
MAX/MIN display Function
Programmable moisture and humidity alarms
Auto Power Off & low battery indication
White Backlit LCD Display

Specifications	
Measuring Range	0.0~100.0 %
Penetration Depth	20~40mm
Resolution	0.1

Moisture Table of Comparison		
Construction material	Display	Moisture status
	<30 digits	dry
Gypsum	30 60 digits	at risk
	>60 digits	wet
	<25 digits	dry
Cement	25 50 digits	at risk
	50 75 digits	wet
	>75 digits	all wet

**Size(HxWxD):** 248mm x 65mm x 45mm  
**Weight:** 248g  
**Accessories :**  
9V battery, gift box and carrying case.

**DT-851/851A Dew Point/Wet Bulb/Psychrometer**

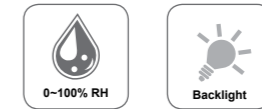
851/851A is a complete digital psychrometer and a very valuable HVAC diagnostic tool. As a psychrometer, it measures wet bulb(WB), dry bulb(DB), percent relative humidity(RH%), and dew point(DP).  
Temperature/Humidity & Air Pressure(851A).



Features	851	851A
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	*	*

Specifications				851	851A
Function	Range	Resolution	Basic Accuracy	851	851A
Humidity	0~100% RH	0.1% RH	±3% RH	*	*
Temperature	-20~60°C/-4~140°F	0.1°C/°F	±0.5°C/0.9°F	*	*
Dew Point Temp	-26~50°C/-14.8~122°F	0.1°C/°F	±1°C/1.8°F	*	*
Wet Bulb Temp	-20~50°C/-4~122°F	0.1°C/°F	±1°C/1.8°F	*	*
hPa	700~1100 hPa(-20°C~70°C)	0.01hpa	±3hPa	*	*

**Size(HxWxD):** 248mm x 65mm x 45mm  
**Weight:** 248g  
**Accessories :**  
9V battery, gift box and carrying case.



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Model 853



Features	851	851A
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	*	*

Specifications				851	851A
Function	Range	Resolution	Basic Accuracy	851	851A
Humidity	0~100% RH	0.1% RH	±3% RH	*	*
Temperature	-20~60°C/-4~140°F	0.1°C/°F	±0.5°C/0.9°F	*	*
Dew Point Temp	-26~50°C/-14.8~122°F	0.1°C/°F	±1°C/1.8°F	*	*
Wet Bulb Temp	-20~50°C/-4~122°F	0.1°C/°F	±1°C/1.8°F	*	*
hPa	700~1100 hPa(-20°C~70°C)	0.01hpa	±3hPa	*	*

**Size(HxWxD):** 248mm x 65mm x 45mm  
**Weight:** 248g  
**Accessories :**  
9V battery, gift box and carrying case.

High Accuracy

Fast Response



High Quality Sensor



Model 851