

Mini Environment Meters

DT-82



DT-83



DT-86



DT-85A



DT-88



DT-87



DT-82 Mini Anemometer

Specification

Function	Range	Accuracy
m/s(meter per second)	0.40~25.00	±3.5% ±0.20m/s
ft/min(feet per minute)	80~2980	±3.5% ±40ft/min
km/h(kilometers per hour)	1.4~54.0	±3.5% ±0.8km/h
MPH(miles per hour)	0.9~33.0	±3.5% ±0.4MPH
Knots(nautical miles per hour)	0.8~29.0	±3.5% ±0.4knots

EMC
EN: 61326

Model: 82



Model: 83

DT-83 Mini Temperature & Humidity Meter

Specification

Function	Range	Resolution	Accuracy
Temperature	-20 to 60°C/-4 to 140°F	0.1°C/°F	±0.5°C/0.9°F
Humidity	0 to 100%RH	0.1%RH	±3%RH

DT-85A/85C Mini Sound Level Meter

85A/85C Mini Sound level meter have a wide dynamic range from 35 to 130dB. They have different frequency weighting A and C to respond to human sense or machine monitoring purposes. For different sound pattern, they also supply Fast and Slow time constant setting.

Specification

Function	Range	Accuracy	85A	85C
Sound Level	35 ~ 130dB	±3.0dB(ref 94dB@1kHz)	*	*
Frequency	31.5 ~ 8kHz		*	*
Frequency Weighting			A	C



Model: 85A



Model: 86

DT-86 Mini Light Meter

Specification

Function	Range	Resolution	Accuracy
Light	40,000Lux /Fc	0.1Lux/0.01Fc	±5%±10d(<10,000Lux)
Measuring Rate	1.5 times/second		

DT-87 Mini Alcohol Tester

Specification

Detecting point: 0.25mg/L
Warm-up time : less than 12 seconds.
Readings reliable only at temperature between 0°C-40°C



Model: 87



Model: 88

DT-88 Mini InfraRed Thermometer

Specification

Function	Range	Resolution	Accuracy
Temperature	-20 to 270°C -4 to 518°F	0.1°C/°F	±2% or ±2°C/±4°F
Optical Resolution	6:1		
Response	Less than 500ms		
Emissivity	0.95		

Size(HxWxD): 165mm x 54mm x 34mm(82)
146mm x 54mm x 34mm(83)
128mm x 54mm x 34mm(85A/85C)
157mm x 54mm x 34mm(86)
130mm x 54mm x 34mm(87)
105mm x 54mm x 34mm(88)

Accessories :
9V battery, Clamshell.

Weight: 139g(82), 138g (83), 131g (85A/85C)
138g (86), 132g (87), 102g (88)

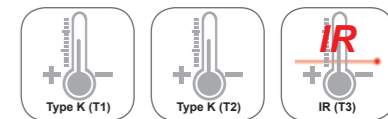
Professional Thermocouple Thermometers



8891/8891A/8891B/8891C/8891D/8891E contact thermometers offer fast response and laboratory accuracy. These thermometers work with K-type thermocouples and one IR temperature probe as temperature sensors, and offer 0.1 °C/0.1 °F resolution.

- Large backlit display shows any combination of T1, T2, T3, T1-T2, T1-T3, T2-T3 plus MAX, MIN, AVG
- Relative time clock on MAX, MIN and AVG provides a time reference for major events
- Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy
- Readout in °C, °F, or Kelvin (K)
- USB interface, USB to UART Bridge Controller(8891C/8891D/8891E)
- 18,000 records data logger(8891C/8891E)
- Auto Power Off mode (Sleep mode) energy saver

Type K Dual inputs (8891A)



Type K Dual inputs with IR Thermometer (8891)



EMC
EN: 61326



Infrared Input



Temperature probe (Optional)



Thermistor clamp (Optional)



Model 8891

Features

	8891	8891A	8891B	8891C	8891D	8891E
User Selectable °C, °F or K	*	*	*	*	*	*
0.1 °C/0.1 °F/0.1K resolution.	*	*	*	*	*	*
Type K Single input			*			
Type K Dual inputs	*	*		*		
Type K four inputs					*	*
IR temperature input	*		*	*	*	*
Max/Min/Avg Hold and Data Hold	*	*	*	*	*	*
Differential Temperature	*	*	*	*	*	*
Scan Function(T1,T2,T3,T-T2.....)	*	*	*	*	*	*
LCD display with backlight	*	*	*	*	*	*
Wide variety of interchangeable	*	*	*	*	*	*
Thermocouple Probes	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*
USB interface				*	*	*
Data logging function				*		*

Specifications

	Range	Basic Accuracy	8891	8891A	8891B	8891C	8891D	8891E
Type K	-200°C to 1372°C (-328°F to 2501°F)		T1,T2	T1,T2	T1	T1,T2	T1,T2, T3,T4	T1,T2, T3,T4
	Above-100°C (-148°F)	±[0.15%rdg+1°C(1.8°F)]						
	Blow -100°C (-148°F)	±[0.5%rdg+2°C(3.6°F)]						
IR temperature	-30°C to 550°C (-22°F to 1022°F)		T3		T2	T3	IR	IR
	Above-10°C(14°F)	±[2.0%rdg+2°C(3.6°F)]						
	Blow -10°C(14°F)	±5°C(9.0°F)						
Type K- Type K temperature		±[0.5%rdg+1°C(1.8°F)]	T1-T2		T1-T2	T1-T2	T1-T2, T3-T4	T1-T2, T3-T4
Type K-IR temperature	IR temperature				T1-T2	T1-T3, T2-T3	T1-IR, T2-IR	T1-IR, T2-IR
	Above-10°C(14°F)	±[2.0%rdg+3°C(3.6°F)]						
	Blow -10°C(14°F)	± 6°C(9.0°F)						
IR-Type K temperature	IR temperature						IR-T3, IR-T4	IR-T3, IR-T4
	Above-10°C(14°F)	±[2.0%rdg+3°C(3.6°F)]						
	Blow-10°C(14°F)	± 6°C(9.0°F)						



Model 8891E

Size(HxWxD): 203mm x 75mm x 50mm
Weight: 280g

Accessories : 9V battery, Type K temp probe, IR temp probe(8891/8891B/8891C/8891D/8891E), USB cable(8891C/8891D/8891E), software(8891C/8891D/8891E), Carrying case and Gift box.

Thermocouple Thermometers



The 610B (single input) and 612(dual inputs) contact thermometers offer fast response and laboratory accuracy. The DT-613 (dual inputs) is a microprocessor-based digital thermometer designed to use external type K thermocouples (temperature probes) as temperature sensors. These thermometers work with type K thermocouples and offer 0.1°C/0.1°F resolution over the entire measurement range. A rugged holster protects three models.

- Type K thermometer with single or dual inputs direct or differential measurements to 0.1°
- Accuracy to 0.15% °C or °F readout (613)
- Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy
- Readout in °C, °F, or Kelvin(K)
- Auto Power Off (Sleep mode) prolongs battery life

CE

EMC
EN: 61326

Features

	610B	612	613
User Selectable °C or °F	*	*	*
User Selectable 0.1°C or 1°C(0.1°F or 1°F) Resolution	*	*	*
Type K Thermocouples	*	*	*
Single Thermocouple Input	*		
Dual Thermocouple Inputs		*	*
Wide variety of interchangeable Thermocouple Probes	*	*	
Max Hold and Data Hold	*	*	*
Differential Temperature (T1-T2)		*	*
SCAN Function (T1, T2, T1-T2, MAX, HOLD.....)		*	*
LCD display with backlight	*	*	*

Specifications

Function	Range	Basic Accuracy	610B	612	613
Temperature	-50~1300°C	±(0.5%±1°C)	Single Input	Dual Inputs	Dual Inputs
	-58~2000°F	±(0.5%±2°F)			
Resolution	0.1° or 1°		*	*	

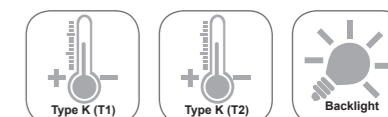
Specifications (613)

Range: -200°C to 1372°C (-328°F to 2501°F)	Basic Accuracy
T1, T2 Above -100°C (-148°F)	±[0.15%rdg+1°C(1.8°F)]
T1, T2 Below -100°C (-148°F)	±[0.5%rdg+2°C(3.6°F)]
T1-T2	±[0.5%rdg+1°C(1.8°F)]
Type K Temperature Resolution	0.1°C/°F/K<1000°; 1°C/°F/K>1000°

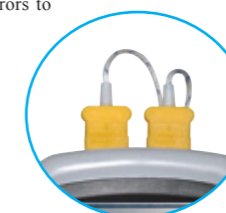
Size(HxWxD): 165mm x 76mm x 43mm
Weight: 403g

Accessories :
9V battery, Holster with stand, Type-K Temperature probe and gift box with carrying case.

High Accuracy to 0.15% (613)



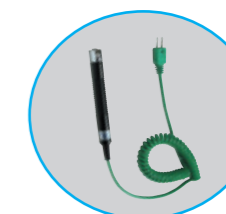
Dual Temperature inputs (612/613)



Single or Dual Thermocouple Input



Large, easy-to-read LCD display with backlight



Optional



Model 613



Model 612



Model 610B



%RH, Temperature, Dew point, Wet bulb, absolute Humidity, Mixing ration

Mixing ration/
Temperature



- Highest 2% RH accuracy with fast response time
- Dual backlit display
- Large LCD display of Humidity/Temperature; Humidity/Dew Point; Humidity/Wet Bulb
- Fast Response time when taking a measurement
- Data Hold and Min/Max functions
- Auto power off and low battery indication



EMC
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Specifications

Function	Range	Basic Accuracy(%rdg+digits)
Humidity	0%~10%RH, 90%~100%RH	±3%RH
	10%~90%RH	±2%RH
Temperature	-30°C~100°C/-22~199°F	±0.5°C/0.9°F
	-20°C~60°C/-4~140°F	±2°C/4°F
Dew point Temp	-30°C~100°C/-22~199°F	±0.5°C/0.9°F
Wet Bulb Temp	0°C~80°C/32~176°F	±0.5°C/0.9°F

Features

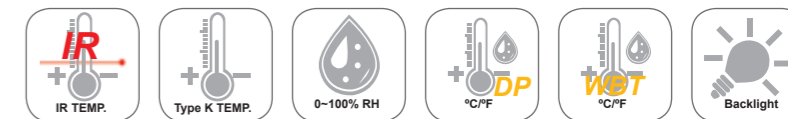
- Fast Response Time
- High Accuracy
- High Performance
- Max Hold and Data Hold Function
- Dual Display & Backlight
- Dew point & Wet Bulb Temperature

Size(HxWxD): 255mm x 45mm x 34mm

Weight: 200g

Accessories :

9V battery and gift box with carrying case



The Psychrometer with InfraRed Thermometer has been designed to combine the functions of Humidity meter, Type K Thermometer and Infrared Thermometer.

3 in 1

%RH, Type K & IR Temperature



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Features

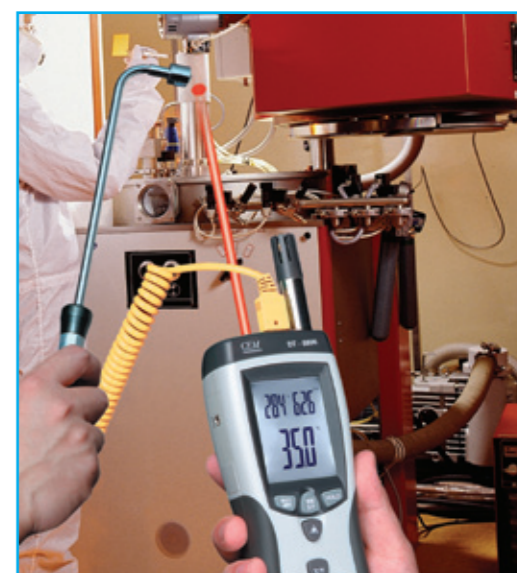
- Infrared to measure surface temperature
- Triple digital LCD display
- Slim design with rubberized sides for better grip and for one hand operation
- Low battery indication
- Fast response time
- Accurate reading
- Auto Power off
- Red laser indication
- Dual Display & Backlight
- Simultaneous display of: Humidity/Temperature; Humidity/Dew Point; Humidity/Wet Bulb
- Highest 30 to 1 distance to target ratio measures smaller surface areas at greater distances.

Specifications

Function	Range	Resolution	Accuracy
Type K Temperature	-100~1372°C(-148~2501°F)	0.01°C/°F	±3% ±0.20m/s
InfraRed Temperature	-50 to -20°C(-58 to -4°F)	0.1°C/°F	± 5.0°C(9.0°F)
	-20 to 500°C(-4 to 932°F)	0.1°C/°F	±2% reading or ±2°C(4°F)
Air Temperature	-10~60°C(14~140°F)	0.1°C/°F	± 2.0°C(4.0°F)
Humidity	0%~99.9%RH	0.1%RH	±2%RH
Dew Point Temp.	-30°C~100°C(-22°F~199°F)	0.1°C/°F	±0.5°C/0.9°F
Wet Bulb Temp.	0°C~80°C(32°F~176°F)	0.1°C/°F	±0.5°C/0.9°F



Model 8896



Size(HxWxD): 255mm x 75mm x 50mm

Weight: 350g

Accessories :

9V battery, type K temperature probe and gift box with carrying case.

K-type/J-type Thermocouple Thermometers



3610B/3630/3891F/3891G contact thermometers offer fast response and laboratory accuracy. These thermometers work with K-type/J-type thermocouples and offer 0.1 °C/0.1 °F resolution.

- Large backlit display shows any combination of T1, T2, T3, T1-T2, T1-T3, T2-T3 plus MAX, MIN, AVG
- Relative time clock on MAX, MIN and AVG provides a time reference for major events
- Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy
- Readout in °C, °F, or Kelvin (K/J)
- USB interface, USB to UART Bridge Controller(3891F/3891G)
- 18,000 records data logger per channel(3891F/3891G)
- Auto Power Off mode (Sleep mode) energy saver

Features

	3610B	3630	3891F	3891G
User Selectable °C, °F or K	*	*	*	*
0.1 °C/0.1 °F/0.1K resolution.	*	*	*	*
Type K/Type J Single input	*			
Type K/Type J Dual inputs		*	*	
Type K/Type J four inputs				*
Max/Min/Avg Hold and Data Hold	*	*	*	*
Differential Temperature		*	*	*
Scan Function(T1,T2,T3,T-T2.....)	*	*	*	*
LCD display with backlight	*	*	*	*
Wide variety of interchangeable Thermocouple Probes	*	*	*	*
Auto Power Off	*	*	*	*
USB interface			*	*
Memory Readings			18,000	18,000

Specifications

	Range	Basic Accuracy	3610B	3630	3891F	3891G
Type K	-200°C to 1372°C (-328°F to 2501°F)	±[0.15%rdg+1°C(1.8°F)]	T1	T1,T2	T1,T2	T1,T2,T3,T4
Type J	-210°C to 1100°C (-346°F to 2012°F)	±[0.15%rdg+1°C(1.8°F)]	T1	T1,T2	T1,T2	T1,T2,T3,T4
Type K- Type K/ Type J- Type J temperature		±[0.5%rdg+1°C(1.8°F)]		T1-T2	T1-T2	T1-T2, T3-T4

Size(HxWxD): 160mm x 58mm x 27mm

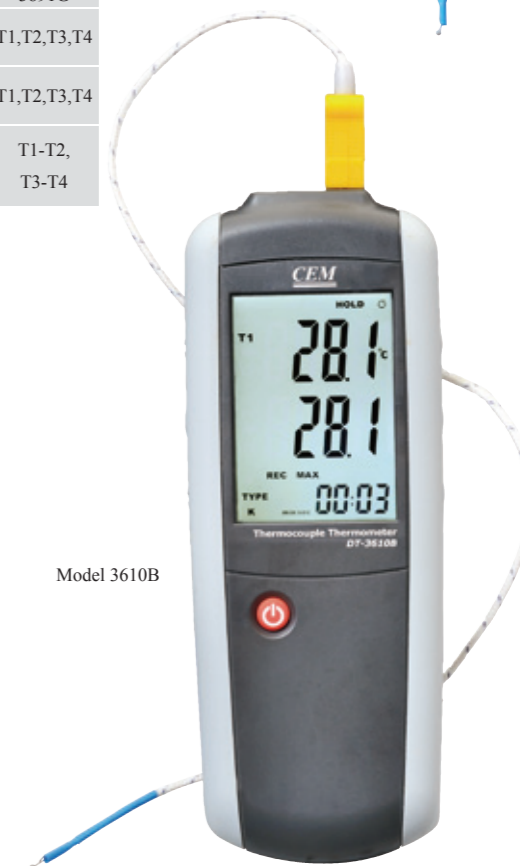
Weight: 350g

Accessories :

9V battery, type K temperature probe and gift box with carrying case.



Model 3891G



Model 3610B



Model 630

- Type K thermometer with single or dual input direct or differential measurements to 0.1°
- Accuracy to 0.15% °C or °F readout (630)
- Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy
- Readout in °C, °F, or Kelvin(K)
- Auto Power Off (Sleep mode) prolongs battery life

EMC
EN: 61326

Features	9610B	9612	629	630
User Selectable °C or °F	*	*	*	*
User Selectable 0.1°C or 1°C(0.1°F or 1°F) Resolution	*	*	*	*
Type K Thermocouples	*	*	*	*
Single Thermocouple Input	*		*	
Dual Thermocouple Input		*		*
Wide variety of interchangeable Thermocouple Probes	*	*	*	*
Max Hold and Data Hold	*	*	*	*
Differential Temperature (T1-T2)		*	*	*
SCAN Function (T1, T2, T1-T2, MAX, HOLD.....)		*	*	*
LCD display with backlight			*	*

Specifications					
Function	Range	Basic Accuracy	9610B / 629	9612	630
Temperature	-50~1300°C	±(0.5%±1°C)	Single Input	Dual Input	Dual Input
	-58~2000°F	±(0.5%±2°F)			
Resolution	0.1° or 1°		*	*	*
Specifications (630)					
Range: -200°C to 1372°C (-328°F to 2501°F)		Basic Accuracy			
T1, T2 Above -100°C (-148°F)		±[0.15%rdg+1°C(1.8°F)]			
T1, T2 Blow -100°C (-148°F)		±[0.5%rdg+2°C(3.6°F)]			
T1-T2		±[0.5%rdg+1°C(1.8°F)]			
Type K Temperature Resolution		0.1°C/°F/K<1000°; 1°C/°F/K>1000°			



Model 9612



Single or Dual Thermocouple Input

Size(HxWxD): 188mm x 64.5mm x 24.5mm (9610B/9612)

Weight: 160g (9610B/9612)

Size(HxWxD): 220mm x 63mm x 28mm (629/630)

Weight: 200g (629/630)

Accessories :

9V battery, Holster with stand and Temperature probe.

DT-1370 Thermometer



Model 1370

The 1370 contact thermometer offer fast response, offer 0.1°C/0.1°F resolution over the entire measurement ranges.

- Selectable °C or °F
- Data Hold
- Auto power off
- Overrange indication

EMC
EN: 61326

Specifications	
Range	-50°C to 200°C(-58°F to 392°F)
Resolution	0.1°C/°F
Basic Accuracy	±2%±1°C/±1.8°F

Size(HxWxD): 113mm x 61mm x 13mm

Weight: 90g

The 130/131 contact thermometers offer fast response and laboratory accuracy. These thermometers offer 0.1°C/0.1°F resolution over the entire measurement ranges. A rugged holster protects both models.

- Easy to use: Remove the protective sheath, press the ON/OFF button and insert into the testing area.
- LCD screen shows readings in Fahrenheit or Celsius
- Range: -40° to +250° C/ -40° to +482° F
- 132 is pen type humidity & temperature meter

High Accuracy

Features	130	131/133	132
User Selectable °C or °F	*	*	*
Resolution 0.1°C/0.1°F	*	*	*
Sampling time 2.0 seconds	*	*	*
LCD display	*	*	*
Max / Min Hold and Data Hold		*	*
Auto Power Off	*	*	*
Humidity & Temperature measurement			*

Specifications		
Function	Range	Basic Accuracy
Temperature	-40°C~250°C/	±1.5%
	-40°F~482°F	
Humidity	10%RH~95%RH	±3.5%

Size(HxWxD): 130:150mm x 40mm x 28mm
131/132/133:211mm x 32mm x 19mmWeight: 130:19g
131/132/133:35g

Accessories :

One LR44(1.5V) button battery and clamshell.



Model 132

Model 130



Model 133

Model 131

DT-135 Thermometer

The 135 thermometer works with type K thermocouple probe, which has countdown timer and alarm indication.

- Selectable °C or °F
- Data Hold
- Auto power off
- Overrange and clock time indication
- Selectable the time of countdown time
- Setup the time of clock

EMC
EN: 61326

Specifications	
Range	-200°C to 600°C(-328°F to 1112°F)
Response time	less than 1 second
Resolution	0.1°C > -100°C(1000°F > 0.1°F > -100°F)
	1°C < -100°C(1°F > 1000°F, < -100°F)
Basic Accuracy	Above -100°C(-148°F) ±0.15%±1°C/±1.8°F
	Below -100°C(-148°F) ±0.5%±2°C/±3.6°F

Size(HxWxD): 188mm x 64.5mm x 24.5mm

Weight: 160g

Accessories :

Temperature probe, gift box with carrying case.



Model 135

Humidity & Temperature Meters



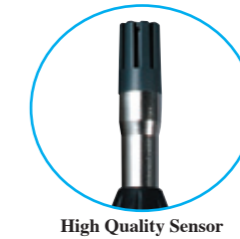
CE
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EN: 61326



321 is compact probe size digital Hygro-Thermometer, ideal for field use with high performance.
321S is fast response, high accuracy digital Hygro-Thermometer with Dew point & Wet bulb Temperature measurement.

Fast Response

High Accuracy



High Quality Sensor

CE

EMC
EN: 61326

Features

	321	321S
Mini size	*	*
Fast Response Time	*	*
High Accuracy		*
High Performance	*	*
Max Hold and Data Hold Function	*	*
Dual Display & Backlight	*	*
Dew Point & Wet Bulb Temperature		*

Specifications

Function	Range	Basic Accuracy	321	321S
Humidity	0~100%RH	±2%RH		*
		±3.5%RH	*	
Temperature	-30~100°C/ -22~199°F	±0.5°C/0.9°F		*
		±2°C/4°F	*	
Dew Point Temp.	-30~100°C/ -22~199°F	±0.5°C/0.9°F		*
Wet Bulb Temp.	0~80°C/ 32~176°F	±0.5°C/0.9°F		*

Size(HxWxD): 255mm x 45mm x 34mm

Weight: 200g

Accessories:

9V battery and gift box with carrying case.



Model 321S

Model 321

Model 615



Large LCD display

CE

EMC
EN: 61326

625 is digital Humidity & Temperature Meter with Wet Bulb Temperature & Dew Point temperature, which has been designed to combine the functions of Humidity Meter, Temperature Meter, Wet Bulb Temperature and Dew point temperature.

It is an ideal Humidity & Temperature Meter with scores of practical applications for laboratorial, industrial, Engineer and professional use.

615 is Humidity meter with Air and type K thermocouple thermometer.

- Large, easy-to-read backlit LCD with dual display
- Fast Response Time: 10s (90% at 25°C still air)
- 2% High Accuracy (625)
- Dew Point Temperature (-30°C~100°C/-22°F~199°F) (625)
- Wet Bulb Temperature (0°C~80°C/32°F~176°F) (625)
- Resolution 0.1%RH, 0.1°C/0.1°F
- Max/Min Hold and Data Hold Function (625)
- Microprocessor-based Design (625)
- Dual Display Temperature & Humidity

High Performance and
quality sensor

Model 625



Features

	615	625	616CT
Large dual digital LCD display with backlight	*	*	*
Response Time:10s (90% at +25°C still air)	*	*	*
Sampling Rate: 2.5 samples per second	*	*	*
Dew Point Temperature & Wet Bulb Temperature		*	
2% High Accuracy		*	*
Dual Display Temperature & Humidity	*	*	*
Type K temperature	*	*	*
Non-contact IR temperature			*

Specifications

Function	Range	Resolution	Basic Accuracy	615	625	616CT
Humidity	0°C~100%RH	0.1%RH	±2%RH ±3.5%RH	*	*	*
Temperature	-30°C~100°C/-30°F~199°F	0.1°C/°F	±0.5°C/0.9°F	*	*	*
Type K Temp.	-20°C~1000°C/ -4°F~1832°F	0.1° up to 200°, 1° over 200°	±3%	*	*	*
Dew Point Temp.	-30°C~100°C/-22°F~199°F	0.1°C/°F	±1.0°C/1.8°F	*	*	*
Wet Bulb Temp.	0°C~80°C/32°F~176°F	0.1°C/°F	±1.0°C/1.8°F	*	*	*
IR temp.	-50°C~500°C/-58°F~932°F	0.1° up to 200°, 1° over 200°	±2.0%±2°C/4°F			*

Size(HxWxD): 225mm x 45mm x 34mm

Weight: 200g

Accessories:

Carrying case, type K temperature probe (615) and 9V battery.

Model 616CT



Features

	3321	3322
User selectable NTC or Type K measure	*	*
Dew Point Temperature measure	*	*
Wet Bulb Temperature measure	*	*
Dry Bulb Temperature measure	*	*
Calculate the Target Superheat	*	*
Calculate the Target Evaporator Exit Temperature	*	*
User selectable °C & °F	*	*
MAX,MIN ,HOLD modes	*	*
Dual display with backlight	*	*
Automatic Power Off	*	*
Low battery display	*	*

Specifications

Function	Range	Resolution	Basic Accuracy	3321	3322
Humidity	0~100%RH	0.1%RH	±2%RH	*	*
Temperature	-30~100°C/-30~199°F	0.1°C/°F	±0.5°C/0.9°F	*	*
Type K Temp.	-50~1372°C/-58~2501°F	0.1°C/°F	±0.15%±1°C/1.8°F	*	*
NTC Temp.	0~60°C/32~140°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	*	*

CE

EMC
EN: 61326High Performance and
quality sensor

Size(HxWxD): 220mm x 63mm x 28mm (3321)

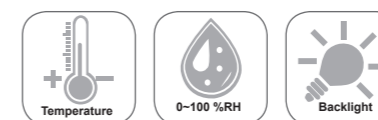
Weight: 200g (3321)

Size(HxWxD): 187mm x 63mm x 28mm (3322)

Weight: 176g (3322)

Accessories :

Type K temperature probe (3322) and 9V battery, gift box and carrying case.

Large, easy-to-read LCD display
with backlightButton on both sides of the
rugged housing, easy to use

3321 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).
3322 is a diagnostic tool, it helps the HVAC technician easily diagnose problems with air flow across the evaporator. It can also calculate the target superheat of a fixed restrictor air conditioning system.

Model 3322



High Accuracy

Fast Response

Model 3321



DT-322 Interior Temperature Hygrometer

Features

Environment Comfort Display: COMFORT, WET, DRY
Time/Temperature/Humidity display
°C/°F Temperature units the way self-locking switch show
Highest/Lowest Temperature and Humidity memory function
Calendar shows the whole point timekeeping, daily alarm functions, 12/24 hour clock

Specifications

Temperature Range	0 ~ 50°C/32 ~ 120°F
Temperature Accuracy	± 1.0°C/1.8°F
Temperature Resolution	0.1°C/0.1°F
Humidity Range	10% RH ~ 90% RH
Humidity Accuracy	± 5% (40% RH ~ 80% RH) other ± 8%

Size(HxWxD): 108mm x 60mm x 15mm

Weight: 74g

Accessories :

battery, gift box and carrying case.

Model 322



Moisture Meters



MP-04

MP-02

MP-03

MP-01

125H/125G series moisture meters are used for testing moisture in wood, plaster and building materials. Integrated characteristics for 8 material groups increase the accuracy of measurements. The wet/dry indicator evaluates and interprets measurements with respect to the given material. The clearly organised, functional display and rubber guard around the housing make this unit well-suited for use in the rough professional environment. 125G can meet with different measuring requirements with various professional remote probes.

Features

- Large LCD display
- Readings with Moisture Probe or Hammer Electrode
- Readings with Integral electroded Pins

Specifications

Model	125H	125G
Electrode length	8 mm	
Electrodes	Integrated, replaceable	
Measuring range Wood:	1 – 75 %	
Measuring range	Wood: 1 – 75 % Building material: 0.1– 2.4 %	
Accuracy	Wood: 0...30% / ±1 % 30...60% / ±2% 60...75% / ±4% Other materials: / ±0.5%	
Ambient temperature	-40 °C~ -10°C and +40 ~ +70°C / ±2°C -10 °C~ +40°C / ±1°C	
Ambient Relative Humidity	0~20% and 80 ~ 100% /±5.0% 20~ 80%/±3.5%	
Auto power OFF	After approx. 3 minutes	
Auto LCD backlight OFF	After approx 10 seconds	
Housing material	Impact-proof plastic housing	
Ambient temperature	0 - 40°C	
Ambient Relative humidity	0 – 85 %RH	
Professional remote probes	No	Yes



Model 125G



Size(HxWxD): 160mm x 60mm x 28mm

Weight: 203g

Accessories :

3xCR2032 button batteries, Moisture Hammer Probe, Moisture Baseboard Probe, Moisture Probe Extenders, gift box and carrying case (125G)

3 x CR2032 button batteries (125H)

Moisture Meters



123/125/125B/127 are used to measure the moisture level in sawn timber (also cardboard, paper) and hardened materials (plaster, concrete and mortar). They display the moisture level. The instruments have an average adjustment for European wood based on a wood temperature of 20°C.

127 is 2 in 1 digital and analog moisture meter



Features

- Large LCD display
- Readings with Moisture Probe or Hammer Electrode
- Readings with Integral electroded Pins



Calibration and battery check

Specifications

Measuring principle	Electrical resistance
Electrode length	8mm
Electrodes	Integrated, replaceable
Measuring range	Wood: 6-44%
	Material: 0.2-2.0%
Display Accuracy	Wood: ±1%
	Material: ±0.05% (127)
Battery	3 x Cr 2032, replaceables
Temperature measuring	0-60°C
Ambient temperature	0-40°C
Ambient moisture	0-85%

Size(HxWxD): 123/127: 130mm x 40mm x 33mm

Weight: 99g

Size(HxWxD): 125/125B: 140mm x 48mm x 33mm

Weight: 93g



Model 125



Model 125B



replaceable pin



Model 123



EMC
EN: 61326

Accessories :
battery, clamshell



Moisture Meter



Model 129

129 is a conductivity moisture instrument designed for use in wood, used to measure the moisture level in sawn timber (also cardboard, paper) and hardened materials (plaster, concrete and mortar). They display the moisture level. The instruments have an average adjustment for European wood based on a wood temperature of 20°C.

129B is with various professional remote probe.

- Large LCD display
- Automatically Temperature Corrected (ATC) Readings when used with the temperature probe
- Readings with Moisture Probe or Hammer Electrode
- Readings with Integral electroded Pins



Features

- Large LCD display
- Readings with Moisture Probe or Hammer Electrode
- Automatically Temperature Corrected (ATC) Readings when used with the temperature probe
- Readings with Integral electroded Pins

Size(HxWxD): 180mm x 50mm x 31mm

Weight: 175g

Accessories :

Gift Box with Carrying Case

Specifications

Measuring principle	Electrical resistance
Electrode length	8mm
Electrodes	Integrated, replaceable
Measuring range	Wood: 6-99.9%
Display Accuracy	Wood: ±1%
Battery	2 x AAA
Temperature measuring	0-60°C
Ambient temperature	0-40°C
Ambient moisture	0-85%



Built in Pins



Optional remote probe





CE
EMC
EN: 61326

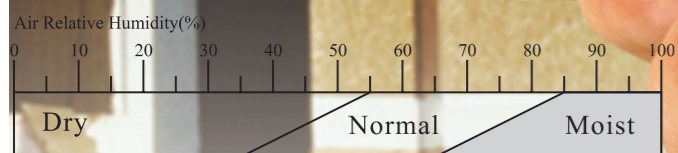
Features

- Quickly indicate the moisture content of materials
- Depth of penetration about 20-40mm.
- Low battery indication
- MAX/MIN Function
- HOLD Function
- Auto Power Off
- White Backlit LCD Display

Specifications

Sensor Type	metal spheroid
Measuring Range	0 to 100 digit
Max Resolution	1
Battery	9V battery
Dimensions	189 x 47 x 35mm
Weight	178g

Table of Comparison Air Relative Humidity Structural Moisture



LCD Readout - COMPACT B

Gypsum+anhydrite based constr.mat. flooring - Wt./CM-%	0.3	0.5	1.4	2.0	2.5	2.7	%
Cement based constr.mat. and flooring in CM-%	1.5	2.1	3.0	3.5	4.0		CM-%
Cement based constr.mat. and flooring in weight-%	2.7	3.6	4.5	5.5	6.0		Wt-%

CM% = percentage value by carbide method

Accessories:
9V battery and gift box



Model 128M

Features

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

Specifications

Measuring Range	0.0-100.0
Penetration Depth	20-40mm
Resolution	0.1
Battery	Three "AAA" Batteries

CE

EMC
EN: 61326



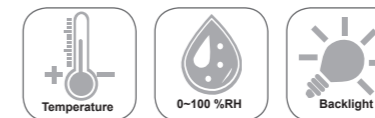
Button on both sides of the rugged housing, easy to use

Moisture Table of Comparison

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

Size(HxWxD): 242mm x 63mm x 30mm
Weight: 226g

Accessories:
3x"AAA" V battery, gift box with carrying case.



DT-126 3 in1 Non-Contact Moisture Meter with Laser Level & AC Voltage Finder

Specifications

Sensor Type	Non-Penetrating
Moisture % of H ₂ O	0 to 60
Max Resolution	0.1
AC Voltage Finder	100V-600V

CE

EMC
EN: 61326

Features

- Quickly indicates the moisture content of materials
- Moisture index display corresponds of % moisture of wood or material being tested
- Pin-Free sensor's measurement depth of 1.25" (32mm) below the surface
- Low battery indication
- MAX/MIN/HOLD Function
- Power Light Indication
- White Backlit LCD display
- Laser leveling
- 180 degree pivoting laser plane with level and plump vials
- 20 laser line projection onto work surface with 90 degree squaring
- Two self contained hange pins to mount unit to work surface (vertical or horizontal)
- Ergonomically designed for comfort and grip
- Non-contact detection of AC voltage from 100VAC to 600VAC

Laser line & External Level



Non-contact moisture sensor

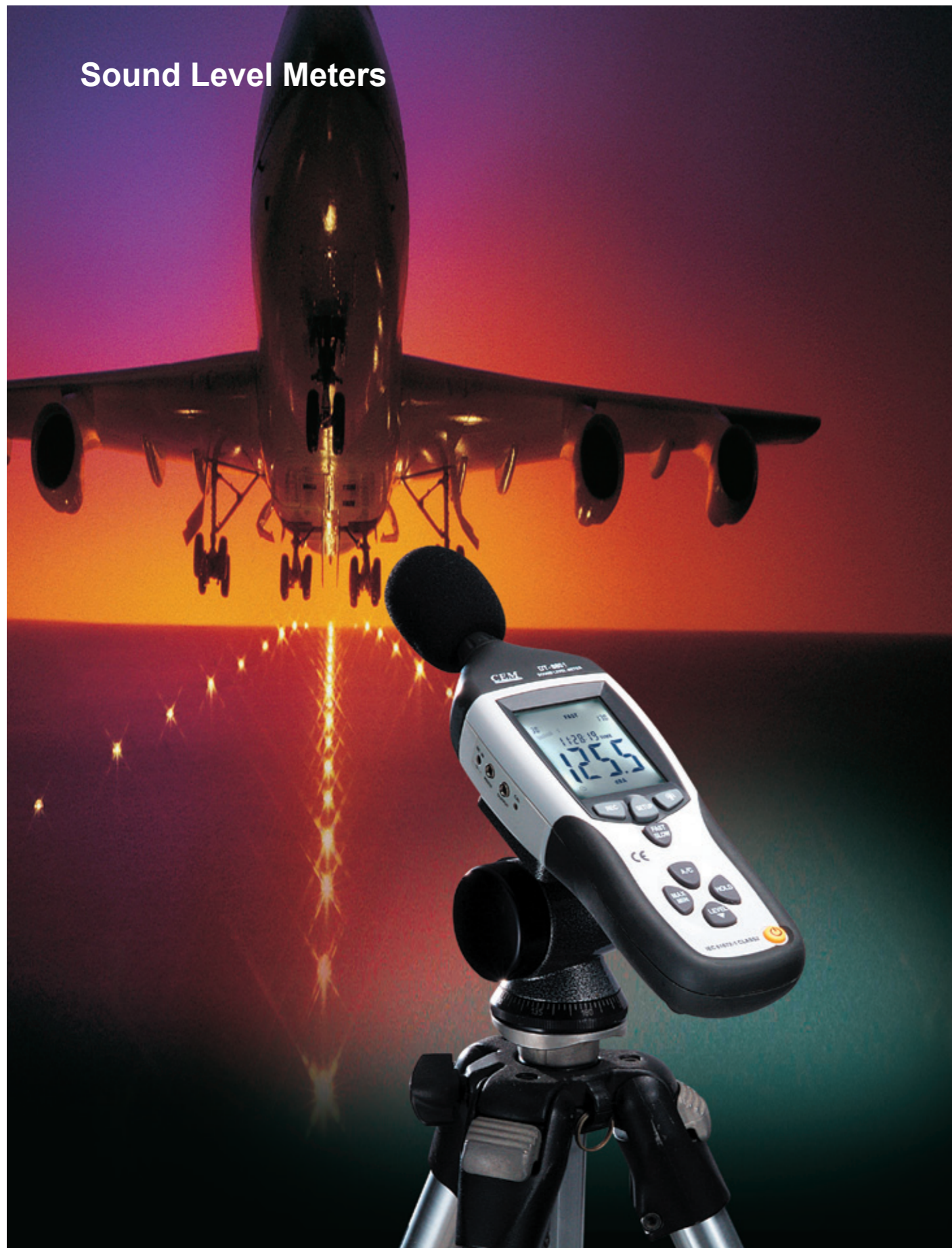


Size(HxWxD): 180mm x 67mm x 38mm
Weight: 180g

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



Sound Level Meters



8851/8852 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

This unit conforms to the IEC61672-1 class 2 for Sound Level Meters
MAX & MIN measurements
Overrange display
Underrange display
A & C Weighting
FAST & SLOW response
Analog AC/DC outputs for connection to frequency analyzer or X-Y shaft recorder
Datalogger function (8852)
Adjustable Alarm-Levels (8852)
Memory for 32700 readings

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): 278mm x 76mm x 50mm
Weight: 350g



EMC
EN: 61326

Accessories :

Battery, screwdriver, audio plug, windscreen, software, USB cable, tripod and DC 9V power supply and gift box with carrying case.



1.4dB Accuracy

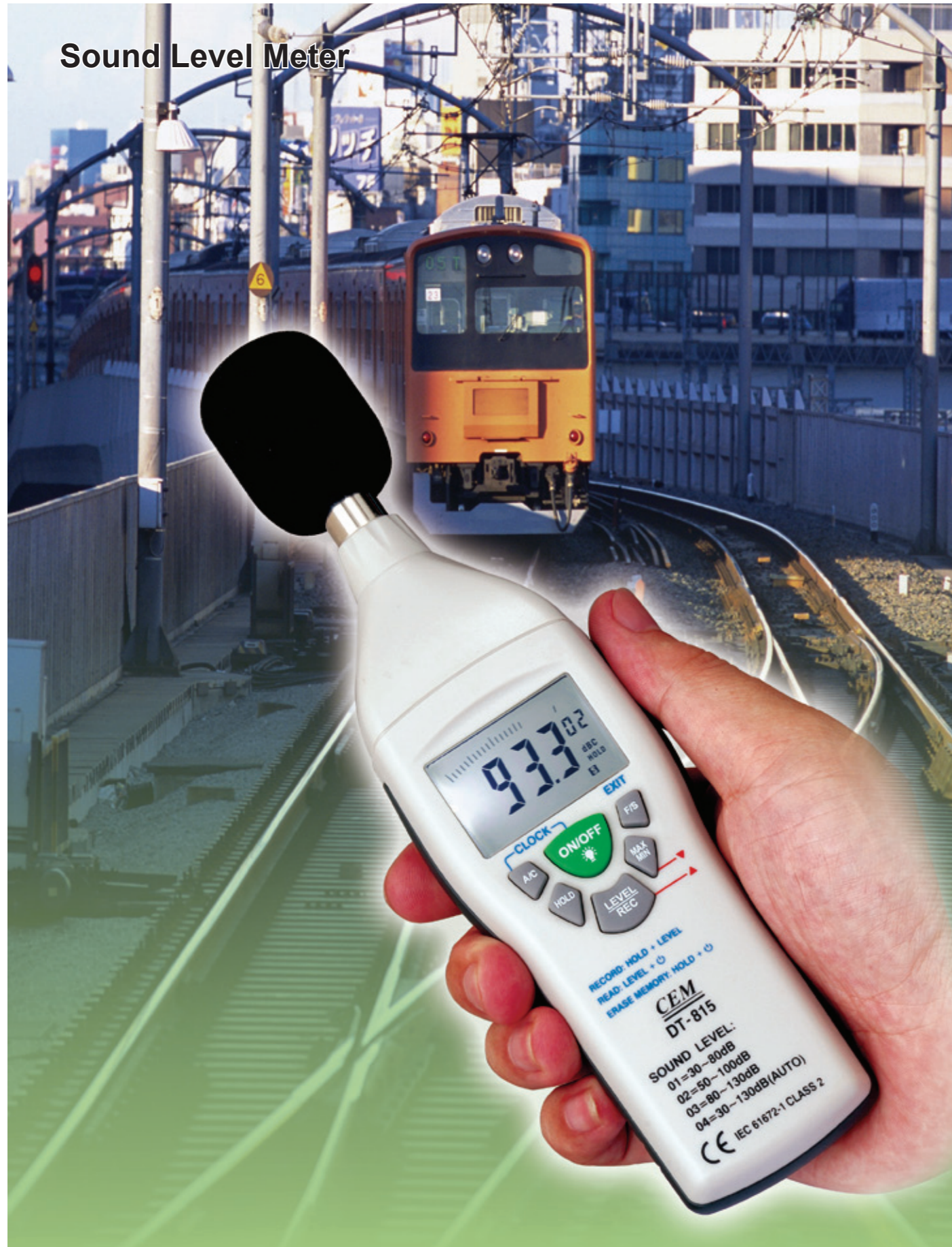
Level range: 30~130dB

Time weighting & Frequency weighting, Current reading

Analog AC/DC outputs

Model 8851

Sound Level Meter



Model 815

815 Sound Level Meter is designed for noise project, quality control, illness prevention & cure and all kinds of environment sounds measurements. It is applied to the sounds measurement at factory, school, office, traffic access and household, etc.
This unit confirms to the IEC61672-1 class 2 for Sound Level Meter



EMC
EN: 61326
EN: 61672-1



Features

This unit confirms to the IEC61672-1 class 2 for Sound Level Meters

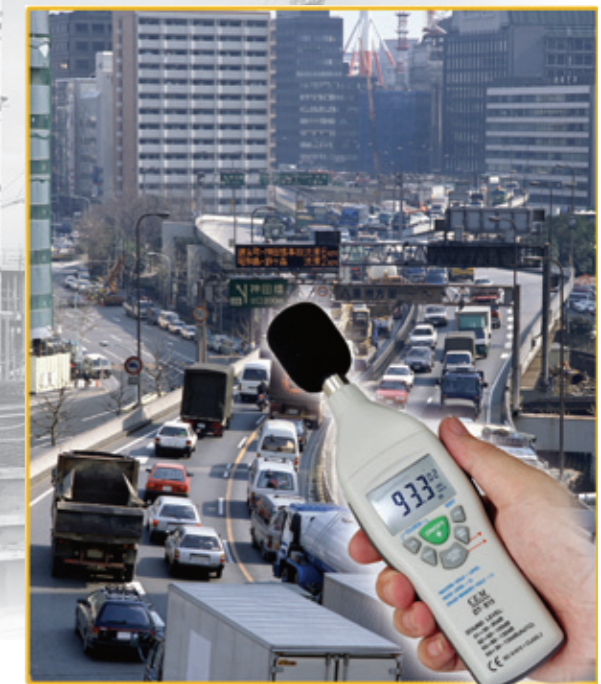
- MAX & MIN measurements
- Over range display
- Under range display
- A & C Weighting
- FAST & SLOW response
- Digit LCD display with a resolution of 0.1dB , bargraph & white backlight
- Readings memories

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
Reading display update	2 times/sec
Bargraph display update	20 times/sec

Size(HxWxD): 210mm x 55mm x 32mm
Weight: 230g

Accessories :
9V battery, Carrying case and Gift box.



Features

- 94dB and 114dB Sound Calibration at 1kHz
- Accurate and simple to use
- Fits 1/2" diameter microphone

Specifications

Output Sound Pressure Levels	114dB and 94dB re 20 uPa under reference conditions.
Output Frequency	1000Hz, $\pm 4\%$
Reference Temperature Conditions	$>23^{\circ}\text{C}$ (73°F)
Atmospheric pressure	>1013 mbar (760mm of Hg)
Relative humidity	$>65\%$ RH
Accuracy of Sound Pressure Level	Under stated reference environment conditions $\pm 0.5\text{dB}$

Size(HxWxD): 120mm x 50mm x 42mm
Weight: 278g

Accessories:
9V battery, Carrying case, 1/2" Microphone
Adaptor (optional) and Clamshell.



Model SC-05



DT-8850 Sound Level Meter



Model 8850



EMC
EN: 61326



8850 Sound Level Meter can be used to measure noise in factories, schools, offices, airports and home etc, checking acoustics of studios, auditoriums and Hi-Lo installations. 8850 meets IEC 61672-1 Type 2 standards. The 30 to 130 dB range makes this meter ideal for all general purpose sound level measurements.

1.5dB Accuracy

Features

- Provides 1.4dB accuracy
- Meets IEC61672-1 type 2 standards
- Newly Design Shape
- High Performance
- Max Hold and Data Hold Functions
- Analog AC/DC outputs for connection to an analyzer or recorder
- Built-in calibration check

Specifications

Range	Lo (Low)-Weighting: 35dB~100dB
	Hi (High)-Weighting: 65dB~130dB
Frequency Weighting: A/C	Lo (Low)-Weighting: 35dB~100dB
	Hi (High)-Weighting: 65dB~130dB
Resolution	0.1dB
Accuracy	1.4dB at 94dB sound level, 1kHz sine wave
Measurement rate	1.5 times per second, normal
Storage temperature	-10°C ~ 60°C ($<80\%$ R.H.)
Over range	"OL" mark indication

Size(HxWxD): 251mm x 63.8mm x 40mm

Weight: 250g

Accessories :

9V battery, Carrying case and Gift box.



EMC
EN: 61326

1.4dB Accuracy (805)

Level range: 30~130dB



805/805L Mini Sound level meters have a wide dynamic range from 30 to 130dB. They have different frequency weighting A and C to respond to human sense or machine monitoring purposes. For different sound pattern, they also supply Fast and Slow time constant setting.

Features

- Provides 1.4dB accuracy (805); Provides 2.0dB accuracy (805L)
- Meets IEC61672-1 Type 2 (805)
- Newly Design Shape
- High Performance
- Max Hold and Data Hold Function

Specifications

Level Range	Low = 30 ~ 100dB
	High = 60 ~ 130dB
Accuracy	$\pm 1.4\text{dB}$ (ref 94dB @ 1kHz)
Frequency Range	31.5Hz to 8kHz
Frequency Weighting	A, C
Time Weighting	Fast, Slow
Battery Type	9V Battery NEDA 1604, IEC 6F22, JIS 006P
Operation Temp	0°C ~ 40°C ($<80\%$ R.H.)
Storage Temp	-10°C ~ 60°C ($<70\%$ R.H.)

Size(HxWxD): 210mm x 55mm x 32mm

Weight: 230g



Model 805



Model 805L



Accessories :

9V battery, Carrying case and Gift box.

CMM/CFM Thermo-Anemometer with IR temperature



CFM/CMM Thermo-Anemometer with built-in non-contact IR Thermometer measure remote surface temperature to 500°C (932°F) and 30:1 distance to spot ratio.

Features

Simultaneous display of Air Flow or Air Velocity plus Ambient Temperature
 Easy to set Area dimensions (cm²) are stored in the meter's internal memory for the next power on
 Resolution of 0.01m/sec
 20 points average for Air Flow
 Super large (9999 counts) LCD Backlit Display
 3% velocity accuracy via low friction 2.83"D (72mm) ball bearing vane wheel on 3.9ft (120cm) cable
 Complete with vane sensor with 3.9ft (120cm) cable, 9V battery, and protective rubber holster
 MAX/MIN, Data Hold functions

Specifications

Air Velocity	Range	Accuracy	8893	8894
m/s(meter per second)	0.40~30.00	±3% ±0.20m/s	*	*
ft/min(feet per minute)	80~5900	±3% ±40ft/min	*	*
km/h(kilometers per hour)	1.4~108.0	±3% ±0.8km/h	*	*
MPH(miles per hour)	0.9~67.0	±3% ±0.4MPH	*	*
Knots(nautical miles per hour)	0.8~58.0	±3% ±0.4knots	*	*
Air Temperature	-10~60°C(14~140°F)	± 2.0°C(4.0°F)	*	*
InfraRed Temperature	-50 to -20°C(-58 to -4°F)	± 5.0°C(9.0°F)	*	*
	-20 to 500°C(-4 to 932°F)	±2% reading	*	*
Air Flow	Range	Area		
CFM	0-999900	0-999.9 ft ²	*	*
CMM	0-999900	0-999.9 m ²	*	*



20 points average for Air Flow

Resolution of 0.01m/sec



EMC
EN: 61326

Size(HxWxD): 203mm x 75mm x 50mm

Weight: 280g

Accessories :

9V battery, USB cable, software, Anemo probe and Gift box with carrying case.

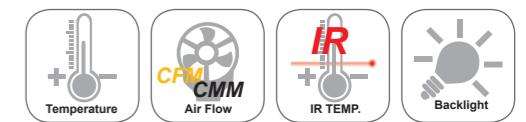


Large LCD display



EMC
EN: 61326

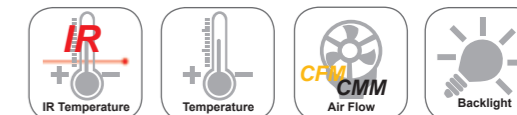
Model 8893



Model 8894

CFM/CMM Thermo-Anemometer with
IR temperatureEMC
EN: 61326

CFM/CMM Thermo-Anemometer with built-in non-contact IR Thermometer measures remote surface temperature to 280°C (536°F) and 8:1 distance to spot ratio.



- Multifunction Air Velocity Meter with wide temperature range (618/618B)
- CFM/CMM Thermo-Anemometer (619)
- CFM/CMM Thermo-Anemometer + InfraRed Thermometer (620)
- Max/Min/Avg value with relative time stamp (619/620)
- Low battery indication and Auto Power Off
- Display Air Flow (CFM/CMM), or Air Velocity plus Temperature simultaneously (619/620)

Model 620

Thermo-Anemometer with built-in non-contact IR Thermometer

Resolution of 0.01m/sec
20 points average for Air Flow



Features

Simultaneous display of Air Flow or Air Velocity plus Ambient Temperature(619/620)
Easy to set Area dimensions (cm²) are stored in the meter's internal memory for the next power on(619/620)
Resolution of 0.01m/sec (619/620)
20 points average for Air Flow (619/620)
Super large LCD Backlit Display(618/619/620)
3% velocity accuracy via low friction 2.83"D (72mm) ball bearing vane wheel on 3.9ft (120cm) cable(619/620)
Type K sensor for temperature measurements (618/618B)
High Sensitive and Accurate

DT-618/618B
Thermo-Anemometer

Large LCD display

EMC
EN: 61326

Specifications

Air Velocity	Range	Accuracy	618	618B	619	620
m/s(meter per second)	0.40~30.00	±3% ±0.20m/s	*	*	*	*
ft/min(feet per minute)	80~5900	±3% ±40ft/min		*	*	*
km/h(kilometers per hour)	1.4~108.0	±3% ±0.8km/h	*	*	*	*
MPH(miles per hour)	0.9~67.0	±3% ±0.4MPH			*	*
Knots(nautical miles per hour)	0.8~58.0	±3% ±0.4knots	*	*	*	*
Air Temperature	-10~60°C(14~140°F)	± 2.0°C(4.0°F)	*	*	*	*
InfraRed Temperature	-50 to -20°C(-58 to -4°F)	± 5.0°C(9.0°F)				*
	-20 to 260°C(-4 to 500°F)	±2% reading or ± 2°C(4°F)				*
Air Flow	Range	Area				
CFM	0~999900	0~999.9 ft ²			*	*
CMM	0~999900	0~999.9 m ²			*	*

Meter Size(HxWxD): 150mm x 72mm x 35mm
Weight: 210g (618/618B)

Accessories :

9V battery and Anemo probe, Gift box with carrying case.

DT-619
CFM/CMM Thermo-
Anemometer

CFM/CMM Thermo-Anemometer





CFM/CMM Thermo-Anemometer remote sensor is the most popular model for HVAC applications.

Features

- Display Air Flow (CFM/CMM), or Air Velocity plus Temperature & Max/Min/Avg value
- Easy to set Area dimensions (cm²) stored in the meter's internal memory for the next power on
- Resolution of 0.01m/sec
- 20 points average for Air Flow
- Super large LCD Backlit Display
- 3% velocity accuracy via low friction 2.83"D (72mm) ball bearing vane wheel on 3.9ft (120cm) cable
- Low battery indication and Auto Power Off



EMC
EN: 61326

High Quality Sensor

Specifications

Air Velocity	Range	Accuracy
m/s(meter per second)	0.40~30.00	±3% ±0.20m/s
ft/min(feet per minute)	80~5900	±3% ±40ft/min
km/h(kilometers per hour)	1.4~108.0	±3% ±0.8km/h
MPH(miles per hour)	0.9~67.0	±3% ±0.4MPH
Knots(nautical miles per hour)	0.8~58.0	±3% ±0.4knots
Air Temperature	-10~60°C(14~140°F)	± 2.0°C(±4.0°F)
Air Flow	Range	Area
CFM	0~999900	0~999.9 ft ²
CMM	0~999900	0~999.9 m ²

Size(HxWxD): 160mm x 62mm x 21mm

Weight: 200g

Accessories :

9V battery and Anemo probe, Gift box with carrying case.



Model 3893



The HOT WIRE ANEMOMETER makes a step forward for you into the field of precision measurement. Telescoping probe is ideal for measuring in HVAC ducts and other small vents; extends up to 40ft/min.

Features

- Thermal anemometer, available for very low air velocity measurement.
- Slim probe, ideal for grilles & diffusers.
- Combination of hot wire and standard thermistor, deliver rapid and precise measurements
- Records maximum/minimum readings with recall & data hold.
- Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
- Super large LCD display with backlight, reading the air velocity & temp. at the same time.
- The portable anemometer provides fast, accurate readings, with digital readability
- Multi-functions for air flow measurement: m/s, km/h, ft/min, MPH, Knots & build in temperature °C / °F
- Thermistor sensor for Temperature measurement, fast response time.
- Applications: Environmental testing, Air conveyors, Flow hoods, Clean rooms, Air velocity, Air balancing, Fans/motors/blowers, Furnace velocity, Refrigerated case and Paint spray booths.

Specifications

Air Velocity	Range	Resolution	Accuracy
m/s (meter per second)	0.1~25.0m/s	0.01m/s	±5% ±0.1m/s
km/h(kilometers per hour)	0.3~90.0km/h	0.1km/h	±5% ±0.1km/h
ft/min(feet per minute)	20~4925ft/min	ft/min	±5% ±1ft/min
MPH(miles per hour)	0.2~55.8MPH	MPH	±5% ±0.1MPH
Knots(nautical miles per hour)	0.2~48.5knots	0.1knots	±5% ±0.1knots
Air Temperature Range	0°C to 50°C (32°F to 122°F)	0.1°C/0.1°F	1°C/1.8°F

Size(HxWxD): 198mm x 78mm x 51mm Accessories :

Weight: 323g

9V battery and Anemo probe, Gift box with carrying case.

DT-317/317B/318/318B Flexible Thermo-Anemometers

Features

- 16" inch Gooseneck detector is easy to measure the hard-to-reach areas.
- High Sensitive and Accurate
- Easy-to-use design
- Double LCD digital display
- Low power consumption
- Data Hold and MAX Hold function
- Low battery indication

Specifications

Air Velocity	Range	Resolution	Accuracy
m/s(meter per second)	1.0~30.00	0.01	±3% ±0.20m/s
ft/min(feet per minute)	196~5900	1	±3% ±40ft/min
km/h(kilometers per hour)	3.6~108.0	0.1	±3% ±0.8km/h
MPH(miles per hour)	2.2~67.0	0.1	±3% ±0.4MPH
Knots(nautical miles per hour)	1.9~58.0	0.1	±3% ±0.4knots
Air Temperature	-10~60°C(14~140°F)	0.1°C/°F	± 2.0°C(4.0°F)
Air Flow	Range	Resolution	Area
CFM (317B/318B)	0~999900	0.1	0~999.9 ft ²

Size(HxWxD): 163mm x 45mm x 34mm Weight: 210g

Accessories : 9V battery and Anemo probe, Gift box with carrying case.



16" inch Gooseneck detector



Model 317

Model 318

High Quality Sensor



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Model 8880

AT-8 Contact/Non-contact Digital Tachometer



Model AT-8

Contact/Laser Photo

AT-8 Digital Tachometer provides fast and accurate contact and Non-contact RPM and surface speed measurements of rotating objects.

- Wide measurement range and high resolution
- 40 readings memories
- Built-in laser pointer
- 5 digits LCD display

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Specifications

Contact test range	2 to 20,000 RPM
Non-contact test range	2 to 99,999 RPM
Tot test range	1 to 99,999 RPM
Accuracy	±(0.05% + 1digit)
Resolution	0.1RPM(2 to 9999.9 RPM) 1RPM(over 10000 RPM)
Sampling time	0.5 sec.(over 120 RPM)
Detecting distance	50mm to 500mm
Time base	Quartz crystal
Power consumption	Approx. 45mA
Battery	9V

Size(HxWxD): 160mm x 60mm x 42mm
Weight: 160g

Accessories:
9V battery and Gift box with carrying case.

AT-6 Digital Tachometer

AT-6 Digital Tachometer provides fast and accurate Non-contact RPM and TOT measurements of rotating objects. Using reflective tape on object to be measured and pointing with the laser.



Model AT-6

Non-Contact

Features

Display	Large 5 digit LCD display
Accuracy	±0.05%±1d
RPM Range	2 to 99,999
Max RPM Resolution	0.1RPM
TOT Range	0-99,999
Memory	Built-in memory recalls Max/Min/Last

Size(HxWxD): 160mm x 60mm x 42mm
Weight: 151g

Accessories:
9V battery and Gift box with carrying case.



Fast and accurate RPM and surface speed measurements. 6234B Digital Tachometer provides fast and accurate Non-contact RPM and surface speed measurements of rotating objects. Using reflective tape on object to be measured and pointing the integral light beam or laser. 6236B contact Tachometer combines both contact and non-contact models for use in all applications.

- Large 5 digits LCD display is easy to read.
- Autoranging with 0.05% accuracy
- Built-in memory recalls last Max/Min value stored

Features

	6234B	6236B
Large 5 digits LCD display	*	*
Autoranging with 0.05% accuracy	*	*
Built-in memory recalls last Max/Min value stored	*	*
Non-contact measurement	*	*
Contact measurement		*

Specifications

	6234B	6236B
Display Counts	99,999 counts LCD	99,999 counts LCD
Range RPM	2.5 to 99,999	5 to 99,999
M/min		0.05 to 1999.9
Basic Accuracy	±0.05%±1d	±0.05%±1d
Max RPM Resolution	0.1RPM	0.1RPM

Size(HxWxD): 160mm x 72mm x 37mm
Weight: 200g

Accessories:
6236B: Cone, RPM sensor tip, Surface speed wheel, Four 1.5V "AA" batteries, Gift box with carrying case.
6234B: Reflective tape, Four 1.5V "AA" batteries, Gift box with carrying case.

Non-Contact

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Model 6234B

Contact/Laser Photo

Model 6236B

AT-86F/AT-86V High Accuracy Tachometer Adaptor

High accuracy tachometer adaptors are compatible with any Test Tool, Power Harmonics Analyzer, Oscilloscope, Multimeter, or other voltage measurement device.

- AT-86F Output signal is pulse frequency output signal;
- AT-86V Output signal is analog voltage signal.

Specifications

Measurement range	6 to 120,000RPM
Accuracy	±0.5%
Detection distance	50 to 500mm
Consumption	Approx. 15mA

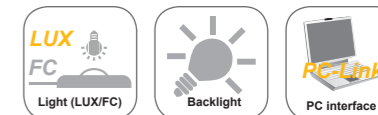
Size(HxWxD): 166mm x 50mm x 40mm
Weight: 189g

Accessories:
9V battery and clamshell.





3808 light meter provide accurate display light level in terms of Foot Candles (FC) or LUX over wide range. Just turning the Function Switch to select the "lux" scale and setting the range to desired range, then removing the photo detector to light source in a horizontal position and reading the illuminance nominal from the LCD display. When the measurement is completed, replace the photo detector from the light source.



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Features

4000 Counts LCD dual display with timer function
Auto Ranging
Max./Min. and Data Hold
Auto Power Off
Low battery indication
User selectable FC/Lux
USB interface
Capacity for data logging (99 readings)
Total accuracy: for C.I.E standard illuminate A(2856K)

Specifications

Max Range	400,000Lux
Accuracy	±5%±10d(<10,000Lux) ±10%±10d(>10,000Lux)
Max Resolution	0.1Lux/0.01Fc
Measuring rate	1.5 times/second
Photo Detector	115mm x 60mm x 27mm



USB Interface

Size(HxWxD): 160mm x 58mm x 27mm
Weight: 280g

Accessories :
9V battery, Photo Detector and USB cable, software,
Carrying case and Gift box.



- Over-range indication
- Long life silicon photo diode inside
- Measurement rate: 1.5 times per second
- Widest range to 40,000Fc/400,000Lux

Features	8808	8809A
LCD display counts	4000	4000
Auto Ranging	*	*
Analog bargraph/segments	*41-segments	*41-segments
Peak Hold	*	*
Relative mode	*	*
Max and Data Hold	*	*
Auto Power Off	*	*
Low battery indication	*	*
User selectable FC/Lux	*	*
Output		USB
Capacity for data logging	99	*
Total accuracy: for C.I.E standard illuminate A(2856K)		

Specifications	8808	8809A
Max Range	400,000Lux	400,000Lux
Accuracy	±5%±10d(<10,000Lux) ±10%±10d(>10,000Lux)	
Max Resolution	0.1Lux/0.01Fc	
Measuring rate	1.5 times/second	
Photo Detector	115mm x 60mm x 27mm	

Size(HxWxD): 203mm x 75mm x 50mm
Weight: 280g

Widest range to 40,000Fc/ 400,000 Lux

8808/8809A light meters provide accurate display light level in terms of Foot Candles (FC) or LUX over wide range. Just turning the Function Switch to select the "lux" scale and setting the range to desired range, then removing the photo detector to light source in a horizontal position and reading the illuminance nominal from the LCD display. When the measurement is completed, replace the photo detector from the light source.

Accessories :
9V battery, Photo Detector and USB cable(8809A), software(8809A), Carrying case and Gift box.

USB Interface

1300/1301/1308 are easy to use with pocket size and light weight, providing accurate display light level in terms of Foot Candles (FC) or LUX over wide range. Just turning the Function Switch to select the "lux" scale and setting the range to desired range, then removing the photo detector to light source in a horizontal position and reading the illuminance nominal from the LCD display. When the measurement is completed, replace the photo detector from the light source.

- Over-range indication
- Long life silicon photo diode inside
- Measurement rate: 1.5 times per second

**Widest range to 40,000Fc/
400,000 Lux**

Features	1300	1301	1308/1309
LCD display counts	2000	2000	4000
Auto Ranging			*
Analog bargraph/segments			41-segments
Peak Hold	*	*	*
Relative mode			*
Max and Data Hold		*	*
Auto Power Off		*	*
Low battery indication	*	*	*
User selectable FC/Lux		*	*
USB interface			-/*
Total accuracy: for C.I.E standard illuminate A(2856K)			

Specifications	
Max Range	50,000lux/Fc(1300,1301); 400,000Lux(1308)
Accuracy	±5%±10d(<10,000Lux) ±10%±10d(>10,000Lux)
Max Resolution	0.1lux/Fc
Measuring rate	1.5 times/second
Photo Detector	115mm x 60mm x 27mm



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Model 1308



DT-1307 Solar Power Meter



Size(HxWxD): 162mm x 63mm x 28mm
Weight: 176g

Accessories :
One 12V (A23) battery and One Photo Detector.(1300,1301)
One 9V battery and One Photo Detector.(1307/1308/1309)
Carrying case and Gift box.

Features	
Sunlight measurement up to 1999w/m ² or 634BTU/(ft ² *h)	
High accuracy and rapid response	
Data Hold function to hold measurement values	
Unit and sign display for easy reading	
Measuring unit selection among w/m ² and BTU/(ft ² *h)	
Manual scale selection	
Direct reading with no adjustments needed	
Maximum and minimum values	
Low battery indication	

Specifications	
Display	3-1/2 digits LCD with maxmum reading 1999.
Range	1999W/m ² ,634BTU/(ft ² *h)
Resolution	1W/m ² ;1BTU/(ft ² *h).
Accuracy	typically within ±10W/m ² [±3BTU/(ft ² *h)]or ±5%
Sampling time	Approx 0.25 second.