



DT-179
Carbon Monoxide Datalogger (P164)



DT-185
Light Datalogger (P165)



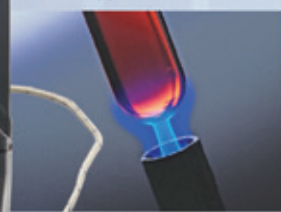
DT-186
Anemometer Datalogger (P165)



DT-171
Humidity & Temperature Datalogger (P161)



DT-171T
Type-K temperature Datalogger (P161)



DT-171V
DC Voltage Datalogger (P162)



DT-173
Sound Level Datalogger (P163)



DT-174B
Humidity/Temperature & Air Pressure Datalogger (P164)



DT-175CV1
AC Current & Voltage Datalogger (P136)



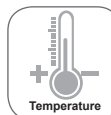
DT-172
Temperature & Humidity Datalogger (P162)



DT-178A
3-Axis Vibration Datalogger (P166)



TP-01
TCP/IP Transmitter

EMC
EN: 61326

Model 171



You can monitor temperature and humidity values efficiently and conveniently for long time periods by using the Datalogger.

The readings are saved in the logger and simply read out by your PC with USB interface.

- Memory for 16000 (171) readings
- Temperature datalogger (170)
- Freely selectable measurement cycle from 2sec. to 24h
- Battery life: more than 3 years
- Display all status information through two LEDs
- Download collected data through USB interface
- Alarm display if user-defined maximum/minimum values exceed
- Analysis software used to view graph for logging data

Specifications

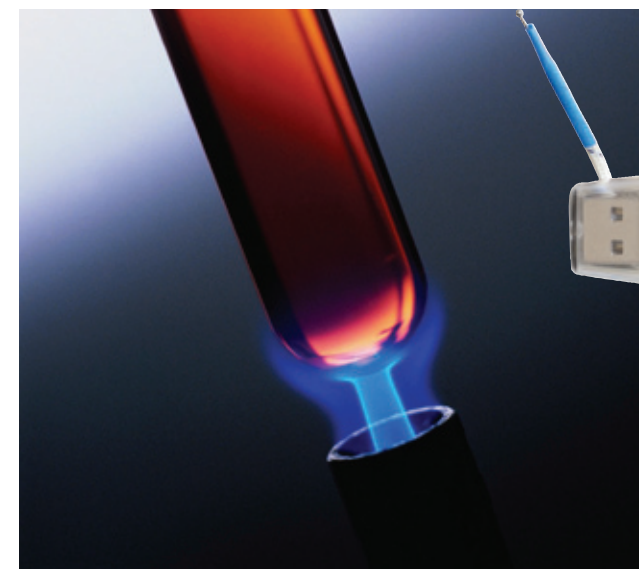
	170	171	171T
Temp range	-40 to 70°C -40 to 158°F	-40 to 70°C -40 to 158°F	
Temp Accuracy	±1°C	±1°C	
Humidity range		0 to 100%RH	
Humidity Accuracy		±2%RH	
Temp K range			-200 to 1370°C(-328 to 2498°F)
Temp K Accuracy			±1°C
Memory	32000(16000 each for temperature and humidity)		
Measuring rate	2sec. to 24h		
Battery life	typically 3 years		
Analysis software	windows 98/2000/XP/Vista/7		

Accessories :

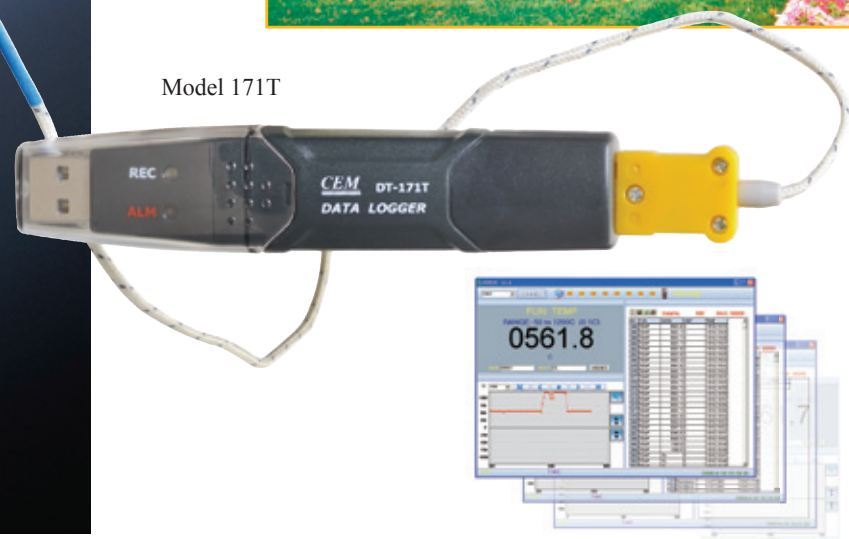
3.6V Lithium battery, K-Temp probe(171T), software and clamshell.

Size(HxWxD): 130mm x 30mm x 25mm

Weight: 20g



Model 171T

EMC
EN: 61326

Model 171V

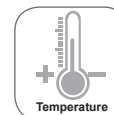
**Specifications**

	171V	171A
DC Voltage range	0 to 30V	
DC Voltage accuracy	±0.5%+1	±0.5%+1
DC Current range		4 to 20mA
DC Current accuracy		±1%±1Count
Reading Memories	32000 readings	32000 readings
Measuring rate	400Hz. to 24h	1sec. to 24h
Analysis software	windows 98/2000/XP/Vista/7	

Accessories : 3.6V Lithium battery,software and clamshell.

Size(HxWxD): 130mm x 30mm x 25mm

Weight: 20g

DT-172/172TK Temperature and Humidity Datalogger**Specifications**

	172	172TK
Temp range	-40 to 70°C -40 to 158°F	-40 to 70°C -40 to 158°F
Temp Accuracy	±1°C	±0.5°C
Humidity range	0 to 100%RH	0 to 100%RH
Humidity Accuracy	±2%RH	±2%RH
Temp K range		-200 to 1370°C(-328 to 2498°F)
Temp K Accuracy		Above -100°C (-148°F): 0.15%rgd+1.0°C(1.8°F) Blow -100°C (-148°F): 0.5%rgd+2.0°C(3.6°F)
Memory	32000(16000 each for temperature and humidity)	
Measuring rate	1sec. to 24h	
Battery life	typically 3 years	
Analysis software	windows 98/2000/XP/Vista/7	

Accessories :

3.6V Lithium battery, K-Temp probe(172TK), software and clamshell.

Size(HxWxD):94mm x 50mm x 32mm

Weight: 91g

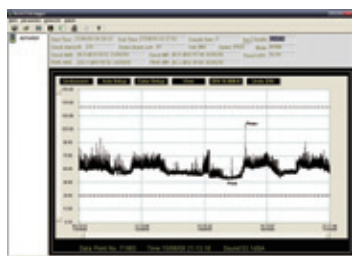


Features

IEC61672-1 CLASS2
MAX & MIN measurements
Alarm value setup
A & C Weighting
NORM(Normal) & PEAK mode
25ms sample interval
FAST & SLOW response
Manual and Automatic mode

Specifications

Standard applied	IEC61672 -1 CLASS2
Accuracy	±1.4dB
Frequency range	31.5HZ ~ 8kHz
Dynamic range	50dB
Level ranges	Auto: 30dB~130dB
Frequency weighting	A/C
Time weighting	FAST (125ms), SLOW (1s)
Memory Readings	129920 points for dBA or dBC
Sample rate	1 Sec. to 24h
Microphone	1/2 inch electret condenser microphone
Data output	USB data traffic



Model 173



Size(HxWxD): 106mm x 56mm x 33.5mm

Weight: 34g

Accessories :

3.6V Lithium battery, stand, software and clamshell.

**DT-174****Temperature/Humidity & Pressure Datalogger**

DT-174 provides much faster, accurate and stable readings with temperature, humidity & air pressure which is in better precision. The windtight design of the meter proof against damp and water.

Features

The datalogger provides accurate readings with temperature, humidity & air pressure .
For the three group data of Temperature, Humidity and Air Pressure, about 10900 readings of each can be recorded.
For one group, about 32,700 data can be recorded.
Freely selectable measurement cycle from 1 sec. to 24h.
Sound & light alarm indication if user-defined maximum/minimum values exceed.
Larger LCD display date, time, temperature, humidity, air pressure and upper/lower limit value.
Built-in USB PC interface.

Specifications

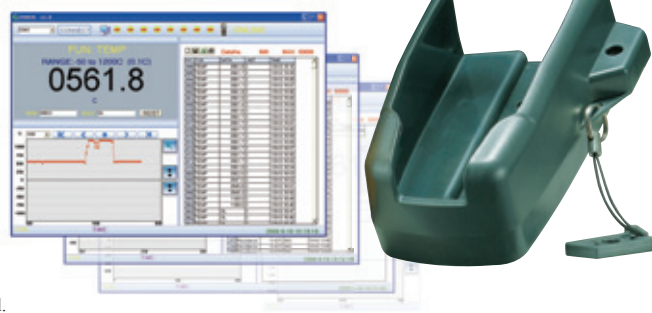
Function	Range	Basic Accuracy	Resolution
Relative Humidity	0 to 100%RH	±3.0%	0.1%RH
Temperature	-40 to 70°C (-40 to 158°F)	±1°C/1.8°F	±0.1°C/0.1°F
Dew Point Temperature	-40 to 70°C (-40 to 158°F)	±2°C/4°F	±0.1°C/0.1°F
Air Pressure	0-30PSI/0-2000hPa	0.01PSI/1hPa	±0.2%
Logging rate	Selectable sampling interval: From 1 Sec. to 24h		
Operating temperature	-35 to 80°C (-31 to 176°F)		
Battery type	3.6V lithium (SAFTL14250, Tadiran TL-5101 or equivalent)		

Size(HxWxD): 132mm x 66mm x 37mm

Weight: 180g

Accessories :

3.6V Lithium battery, software and clamshell.

**DT-174B****Temperature/Humidity & Air Pressure Datalogger****Features**

Alarm setup and indication
Recording and low battery indication
Manual and automatic start mode
USB port for data traffic and power supply
Status indication via Red/Yellow LED and Green LED

Specifications

Data Memory	10000		
Sampling rate	1 min to 18 hours		
Data output	USB		
Temperature			
Range	-40~70°C/-40~158°F		
Resolution	0.1°C/0.1°F		
Accuracy	40 to 70°C/104 to 158°F	±2°C/3.6°F	
	0 to 40°C/32 to 104°F	±1°C/1.8°F	
	-40 to 0°C/-40 to 32°F	±2°C/3.6°F	
Humidity			
Range	0~100%RH		
Resolution	0.1%RH		
Accuracy	0 to 20 and 80 to 100%	±5%	
	20 to 40 and 60 to 80%	±3.5%	
	40 to 60%	±3.5%	
Air Pressure			
Range	950~1050hPa		
Resolution	0.1hPa		
Accuracy	±0.25%FSO(25 °C)		
Repeatability	±0.2%(Max ±0.3%FSO)		
Linearity/Hysteresis	±0.24%FSO		
Temperature coefficient	±0.1%FSO		

Size(HxWxD): 145mm x 35mm x 30mm

Weight: 49g

Accessories : 3.6V Lithium battery, software and clamshell.

**DT-179 Carbon Monoxide Datalogger****Features**

Alarm setup and indication
Recording and low battery indication
Manual and automatic start mode
USB port for data traffic and power supply
Status indication via Red/Yellow LED and Green LED
Analysis software windows 98/2000/XP/Vista/7

Specifications

Memory	32000 readings
Measuring rate	2sec. to 24h
Measurement Range	0 to 1000PPM
Measurement Resolution	1PPM
Accuracy	±5% or ±10PPM
Warm up period	Less than 2 seconds
Sensor type	Stabilized electrochemical Gas-specific (CO)
Typical sensor life	3 years

Size(HxWxD): 145mm x 35mm x 30mm

Weight: 49g

Accessories : 3.6V Lithium battery, software and clamshell.





EMC
EN: 61326



Features

Alarm setup and indication
Recording and low battery indication
Manual and automatic start mode
USB port for data traffic and power supply
Status indication via Red/Yellow LED and Green LED
Analysis software windows 98/2000/XP/Vista/7

Specifications

Memory	32000 readings
Measuring rate	2sec. to 24h
Measurement Range	0.40 to 30.0m/s
Measurement Resolution	0.1m/s
Accuracy	±3.5% ± 0.2m/s
Warm up period	Less than 2 seconds

Size(HxWxD): 145mm x 35mm x 30mm **Weight:** 49g
Accessories : 3.6V Lithium battery, software and clamshell.

DT-185 Light Datalogger



EMC
EN: 61326

Features

Alarm setup and indication
Recording and low battery indication
Manual and automatic start mode
USB port for data traffic and power supply
Status indication via Red/Yellow LED and Green LED
Analysis software windows 98/2000/XP/Vista/7

Specifications

Memory	32000 readings
Measuring rate	2sec. to 24h
Measurement Range	0 to 40 kLux/0 to 37kFc.
Measurement Max. Resolution	0.1Lux/0.1Fc.
Accuracy	±5%
Warm up period	Less than 2 seconds

Size(HxWxD): 145mm x 35mm x 30mm **Weight:** 49g
Accessories : 3.6V Lithium battery, software and clamshell.



Features

	DT-178A	DT-178B
Records 3-axis shock	*	*
Build-in accelerometers	*	*
Measures dynamic and static acceleration	*	*
Real-time operation	*	*
Freefall detection mode	*	*
User settable trigger levels	*	*
Real-Time FFT	*	*
High speed download(USB2.0)	*	*
Vibration, humidity and temperature Datalogger	*	*

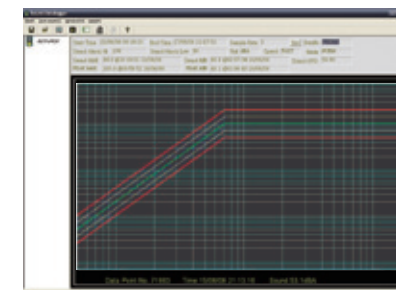
Specifications

	DT-178A	DT-178B
Acceleration Sensor:MEMS Semiconductor	*	*
Acceleration Sensor sampling Rate:256Hz	*	*
Acceleration Range:±18g	*	*
Acceleration Resolution:0.00625g	*	*
Acceleration Accuracy:±0.5g	*	*
Non-Linearity:±1%	*	*
Bandwidth:Approx. 0 ~ 60Hz	*	*
Trigger Range: 0 to 18g (XYZ magnitude)	*	*
Temp & Humidity Range:-40 to 70°C/-40 to 158°F 0 to 100%RH		*
Temp & Humidity Resolution:0.1%RH/0.1°C/°F		*
Temp & Humidity Accuracy:±2%RH/1°C/°F		*
Sampling Rate:1sec. to 24hours	*	*
Memory:8Mbit FLASH (Memory for 504126 samples, about 168042 samples/axis for x, y and z axis separately)	*	*

Accessories :

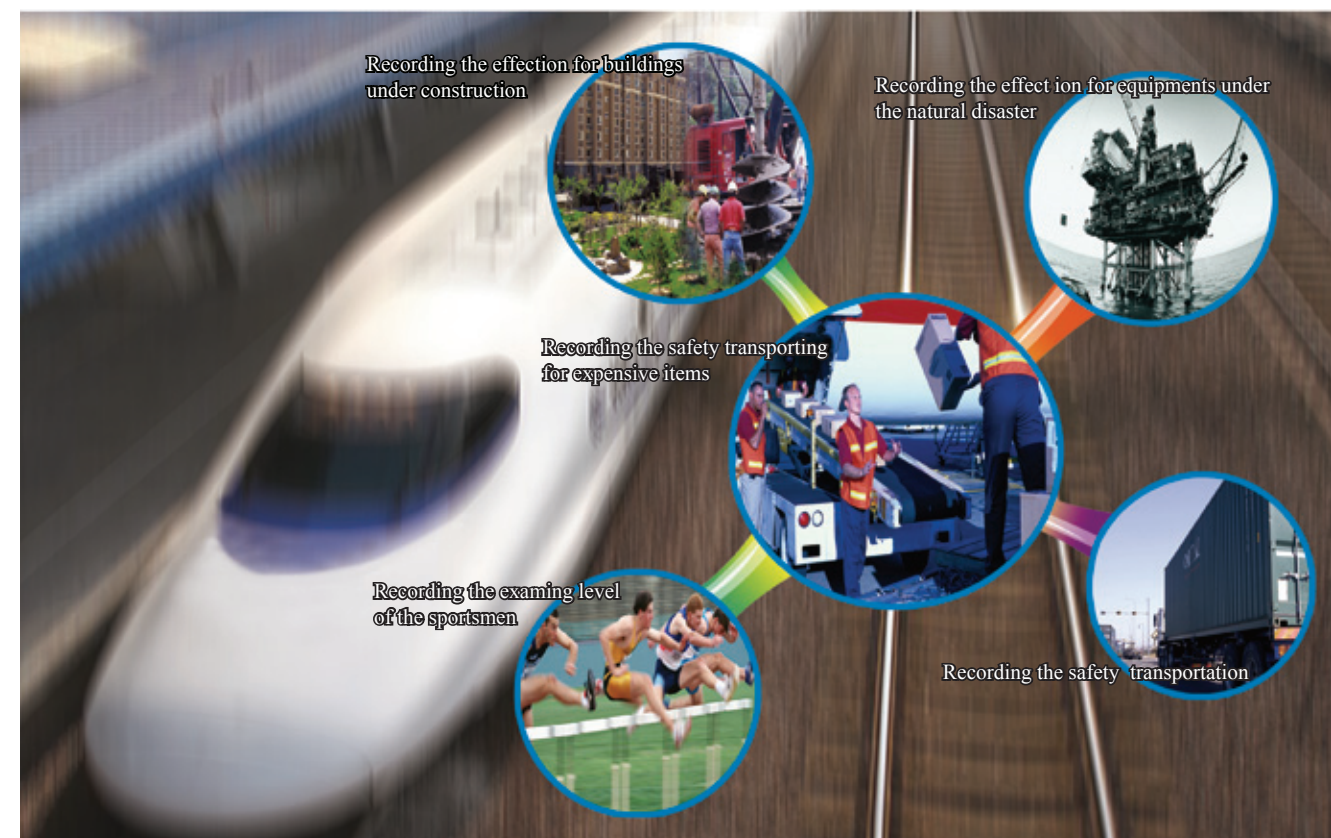
3.6V Lithium battery, software and clamshell.

DT-178A is engineered to record acceleration data of vibration, it will record and time 3-axis vibrations and peaks to provide a history of shock/vibration conditions, and it will record the time when freefall happens. It measures and computes real-time spectral data using an FFT(Fast Fourier Transform) from 0 to 60 Hertz. The DT-178B is Vibration, humidity and temperature Datalogger



EMC
EN: 61326

Model 178A



Humidity & Temperature Datalogger with TCP/IP transmitter (TP-01)

Humidity & Temperature sensor
with wireless transmitter



1800A Humidity & Temperature Datalogger with TCP/IP transmitter provides the TCP/IP connection between the LAN and the internet of the world.

TCP/IP (TP-01) shares the LAN with other users and further transmit the packet of data to the global clients and server system.

- Capacity 180,000 Data memory
- LCD to show some logging information easily
- Alarm display if user-defined maximum/minimum values are exceeded
- Analysis software used to view graph for logging data
- IEEE 802.3 is compatible with internet
- Combination of Mac, 10 Base-T and TCP/IP

Specification

Meas. range	0 to 100%RH, -40 to 70°C
Accuracy	±2%RH, ±0.5°C
Resolution	0.1%RH, 0.1°C
Capacity	180,000 Data memory
Analysis software	windows 98/2000/XP/Vista

Size(HxWxD): 196mm x 174mm x 71.5mm

Weight: 495g

Accessories :

AC adaptor, Software, USB cable, Gift box with carrying case.



Model: 1800A

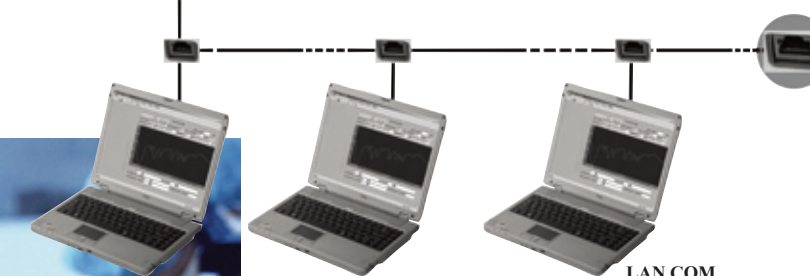


%RH & Temperature Datalogger

TCP/IP transmitter

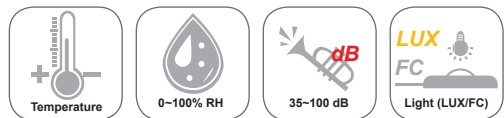
Model: TP-01

TCP/IP Internet transceiver



LAN COM





21/22/2232 digital Multifunction Environment Meter have been designed to combine the functions of Sound Level Meter, Light Meter, Humidity Meter, and Temperature Meter. They are ideal Multifunction Environment Instruments with scores of practical applications for professional and home use.



Model 21



EMC & LVD
EN: 61326
EN: 61010-1,
EN: 61010-02-031



- 21: 5 in 1 higher performance multi tester.
- 22: 4 in 1 environment meter. It is mini size with high technology for professional use.
- 2232: 4 in 1 multifunction environment meter with PC Interface.

Features

	21	22	2232
Digital display counts	2000	2000	4000
PC Interface			*
Auto power Off		*	*
Low battery indication	*	*	*
Multimeter Function	*		

Specifications

Function	Max Range	Resolution	Basic Accuracy	21	22	2232
Light	20,000Lux 40,000Lux	0.1Lux	±0.5%±10d	*	*	*
Sound	100dB 130dB	0.1dB	±3.5dB	*	*	*
Humidity	95%RH	0.1%RH	±5%RH	*	*	*
Temperature	1300°C 750°C/1400°F	0.1°C 0.1°C/°F	±3%±1d ±3%±2d	*	*	*
Voltage DC	600V	0.1mV	±0.5%±2d	*		
Voltage AC	600V	100mV	±1.2%±10d	*		
Current DC	10A	0.1uA	±1.0%±2d	*		
Resistance	2MΩ	0.1Ω	±0.8%±2d	*	*	40MΩ

Size(HxWxD): 121mm x 60.6mm x 40mm

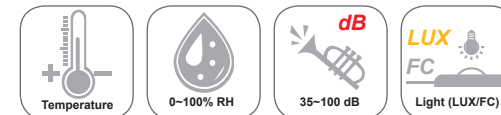
Weight: 280g

Accessories :

22: Rubber holster, 9V battery, Test leads and K-Type temperature probe.

2232: Rubber holster, Test leads, K-Type temperature probe, 9V battery, RS-232 PC cable & Software diskette.

Model 2232



The 4 in 1 digital Multifunction Environment Meter has been designed to combine the functions of Sound Level Meter, Light Meter, Humidity Meter, and Temperature Meter. It is an ideal Multifunction Environment Meter Instrument with scores of practical applications for professional and home use.

The Sound Level function can be used to measure noise in factories, schools, offices, home, etc, checking acoustics of studios, auditoriums and hi-fi installations.

The Light function is used to measure illuminance in the field. It is fully cosine corrected for the angular incidence of light. The light sensitive component used in the meter is a very stable, long life silicon ciod.

The Humidity/Temperature uses a humidity/semiconductor sensor and K type thermo-couple.

Features

4 in 1 for Light meter, Sound level meter, Humidity/Temperature meter
3 1/2 large LCD display
Data Hold and Max Hold
Auto Power Off
"OL" Over-range indication
"BAT" Low battery indication
Total accuracy: for C.I.E standard illuminate A(2856K)

Specifications

Function	Range	Resolution	Accuracy(%rdg+digits)
Temperature	-20°C~200°C	0.1°C	±(3.0%+2°C)
	-20°C~750°C	1°C	±(3.0%+2°C) ≤150°C; ±3.0% ≥150°C
	-4°F~200°F	0.1°F	±(3.0%+2°F)
	-4°F~1400°F	1°F	±(3.0%+2°F) ≤302°F; ±3.0% ≥302°F
Light	20,200,2000,20000 (2000 x 10 Lux)	0.01,0.1,1	±(5.0%+10d)
Humidity	35%~95%RH	0.1%RH	±5.0%RH at 25°C
Sound Level	35dB~100dB	0.1dB	±3.5dB at 94dB sound level, 1KHz sine wave

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

Weight: 250g

Accessories :

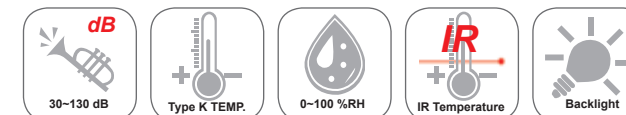
9V battery and K-type temperature probe, humidity probe, light probe, gift box with carrying case.



Model 8820



Professional Multifunction Environment Meters



The digital Multifunction Environment Meter has been designed to combine the functions of Sound Level Meter, Light Meter, Humidity Meter, Type K Thermometer and Infrared Thermometer. It is an ideal Multifunction Environment Meter Instrument with scores of practical applications for professional and home use.

- The Sound Level function can be used to measure noise in factories, schools, offices, home, etc, checking acoustics of studios, auditoriums and hi-fi installations.
- The Light function is used to measure illuminance in the field. It is fully cosine corrected for the angular incidence of light. The light sensitive component used in the meter is a very stable, long life silicon ciode.
- The Humidity/Temperature use a humidity/semiconductor sensor and type K thermocouple.

4 in 1

dB, %RH, Type K & IR Temperature

Features

	8898	8899
4 in 1 for dB, %RH, Type K and InfraRed Temperature(°C/°F).	*	*
5 in 1 for Anemo, %RH, Lux(Fc), Type K and InfraRed Temperature(°C/°F).		*
Large dot-matrix LCD (Resolution 160×160) with backlight.	*	*
Relative time clock on MAX MIN and AVG provides a time reference for major events.	*	*
Difference functions simultaneous display.	*	*
USB interface, USB to UART Bridge Controller.	*	*
5,000 records data logger per channel.	*	*
Low battery indication, and Auto Power Off mode (Sleep mode) increases battery life.	*	*

Specifications

Function	Range	Resolution	Accuracy	8898	8899
TYPE K Temp	-200°C to 1372°C (-328°F to 2501°F)	0.1°C/°F/ K <1000, 1°C/°F/K ≥1000	Above -100°C (-148°F) ±[0.15%rgd+1°C(1.8°F)] Blow -100°C (-148°F) ±[0.5%rgd+2°C(3.6°F)]	*	*
IR Temp	-30°C to 550°C (-22°F to 1022°F)	0.1°C/°F/ K	Above -10°C(14°F) ±[2.0%rgd+20°C(3.6°F)] Blow -10°C(14°F) ±5°C(9.0°F)	*	*
TYPE K-IR Temp		0.1°C/°F/ K	Above -10°C(14°F) ±[2.0%rgd+3°C(5.4°F)] Blow -10°C(14°F) ±6°C(11°F)	*	*
Air Temp	-30°C~100°C (-22°F~199°F)	0.1	±0.5°C/0.9°F	*	*
Humidity	0~100%RH	0.01	±2%RH	*	*
Sound Level	30dB~130dB	0.1dB	±1.5dB	*	
Light	20,200,2000, 20000,200000Lux	0.01,0.1,1	±5% ±10d		*
Anemo	0.40-30.00 m/s 80-5900 ft/min 1.4-108.0 km/h 0.9-67.0 MPH 0.8-58.0 Knots	0.01 1 0.1 0.1 0.1	±3% ±0.20 m/s ±3% ±40 ft/min ±3% ±0.8 km/h ±3% ±0.4 MPH ±3% ±0.4 knots		*
Air Flow	0-999,900ft ³ /min 0-999,900m ³ /min	0.001 to 100 0.001 to 100	0.000-999.9ft ³ 0.000-999.9m ³	*	*

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

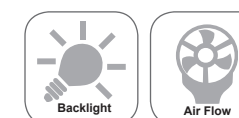
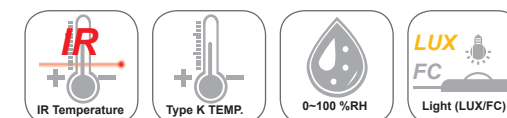
Weight: 355g

Accessories :

9V battery, K-type temperature probe, IR temperature probe, %RH probe, dB probe, Anemo probe and gift box with carrying case.



Model 8898



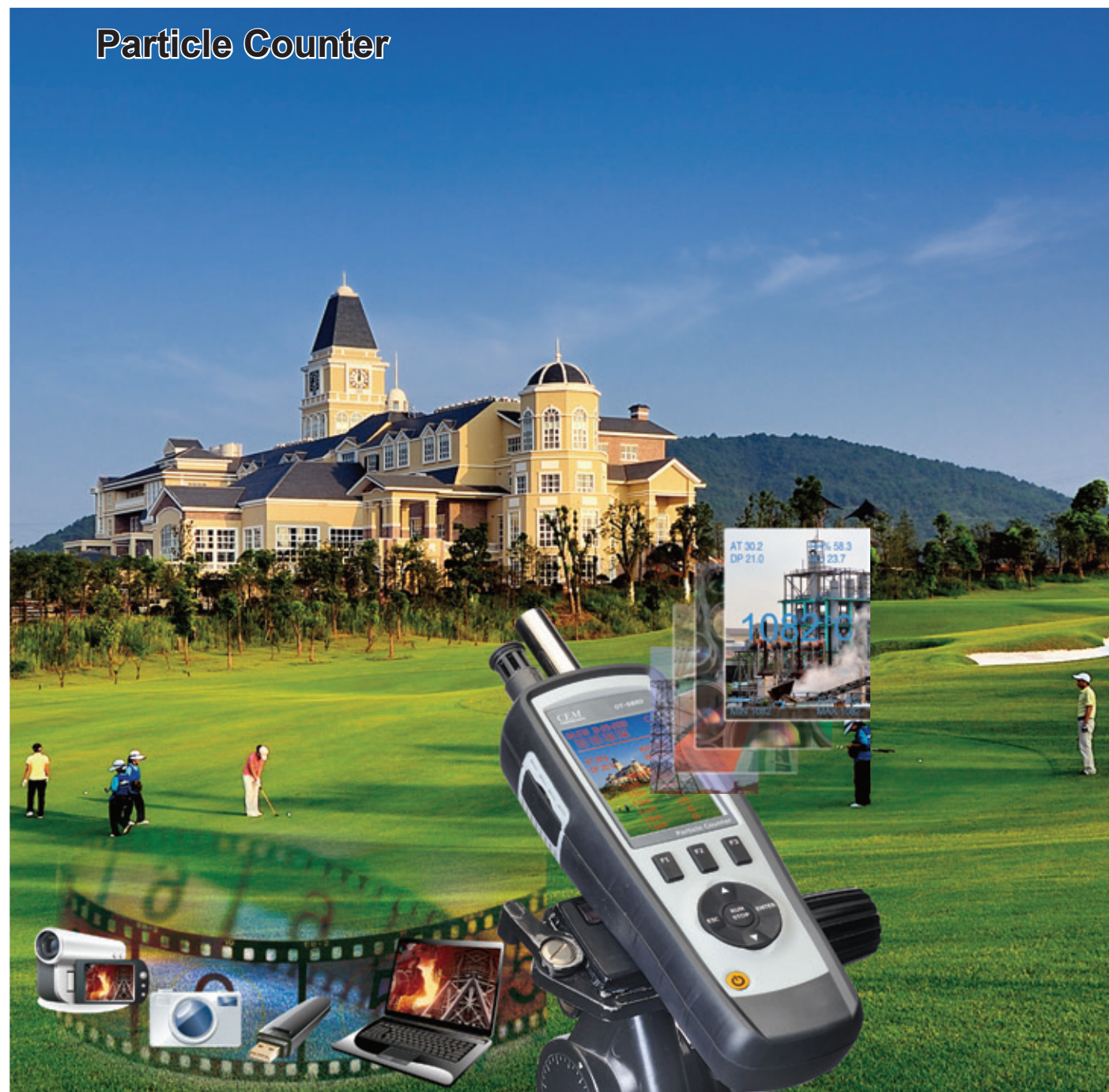
5 in 1

Anemo, Light, %RH, Type K & IR Temperature



Model 8899

Particle Counter



2.8" TFT color LCD display

Support **Images**(JPEG) capture capabilities

Support **Video**(3GP) capture capabilities

Laser targeting

Date/Time setup controls

USB interface

Data Logger

Support **MicroSD** memory card extension

Support **Particle** measurement

Support **Harmful Gases** measurement

Support **IR, Air, Dewpoint, Wet bulb Temp. & Air Humidity** measurement

9880 is 4 in 1 Particle Counter with 2.8" color TFT LCD display & a microSD memory card for capturing images(JPEG) or video(3GP) for viewing on your PC, providing fast, easy and accurate readings for particle counter, GAS (HCHO,CO) detectors, air temperature & relative humidity, most surface temperature measurements. It is the first combination of these measurements in global, would be the best instrument for environment protection and energy save. The dewpoint temperature measurement will be very visible for wet and dry proof. It is a good hand for industrial measurements and data analyzing, the real scene and time can be displayed on color TFT LCD. Any memory readings can be recorded in SD card The user can be back in office to analyze the measured air quality under the support of software.

Features

2.8" TFT 320x240 pixels Color LCD display
Images(JPEG) & Video(3GP)
Simultaneously measure and display 6 channel of particle sizes, measure particle size down to 0.3 μ m
IR temperature measure & Laser targeting
GAS (HCHO,CO) detectors
Air temperature and humidity, Dewpoint & Wet bulb temperature
Max, Min, DIF, AVG record, Date/time setup controls, High and low alarm
Adjustable emissivity & Trigger lock
MicroSD (MAX. use 8GB) memory card, Bluetooth /USB interface
Auto Power Off
Selectable sample time, count data, programmable delay
Store 5000 records of date, time, counts, relative humidity, temperature, sample volumes, alarms and location label
Language selection English, Chinese, French, German, Spanish

Specifications

Particle Counter	
Channel	0.3, 0.5, 1.0, 2.5, 5.0, 10 μ m
Flow Rate	0.1ft ³ (2.83L/min) controlled by internal pump
Count Modes	Totalize, Concentration, Audio
Coincidence Loss	5%, 2000000 particles per ft ³
IR Temperature Measure	
IR Temp. Range	-20.0°C to 500.0°C/-4.0°F to 916°F ;Basic Accuracy: \pm 1.5% of reading
Optical Resolution	8:1 Distance to Spot size
Emissivity Adjustable	0.10~1.0 Adjustable
Response Time	500mS
Air Temperature Measure	
Air Temp Range	0 to 50°C/32 to 122°F; Basic Accuracy: \pm 0.5°C/1°F
Humidity Range	0 to 100%RH; Basic Accuracy: \pm 2.5%RH(20%~80%RH)
Dew Point Temp. Range	-30~100°C/ -22~199°F
Wet Bulb Temp. Range	0~80°C/ 32~176°F
GAS Detectors	
HCHO (methanal) Range	0.01~5.00ppm; Basic Accuracy: \pm 5% \pm 0.01ppm
CO (carbon monoxide) Range	0~1000ppm; Basic Accuracy: \pm 5% \pm 10ppm

Size(HxWxD): 240mm x 75mm x 57mm

Weight: 570g

Accessories :

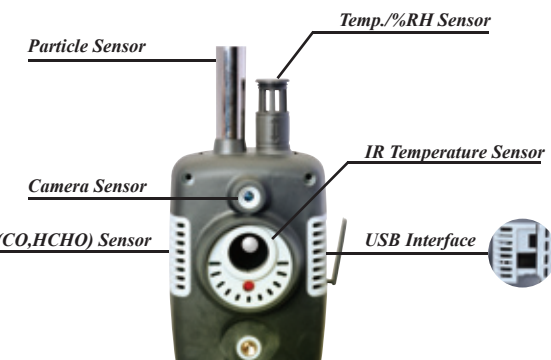
NiMH battery, gift box with carrying case.



CE

EMC
EN: 61326

Model 9880



Complete Air Quality Meter



The complete air quality meter offers an unparalleled featureset for HVAC and facilities technicians, helping them work more quickly and accurately, with the ease of use and durability customers expect meter.

Features

Simultaneously measures, logs, and displays temperature, humidity, CO₂, and CO on a bright, backlit LCD display
Maintenance free NDIR (non-dispersive infrared) CO₂ sensor
One-touch air flow and velocity with available probe
Wet bulb and dew point temperature
% of outside air calculation
CO₂ and CO field calibration feature
Min/Max/Average on all measured and calculated readings
Audible and visual threshold alarms
Extensive discrete or continuous data logging capacity, downloadable to PC via USB interface



EMC
EN: 61326

Specifications

Function	Range	Resolution	Accuracy	8502	8503
CO ₂	0-8000ppm	1ppm	±75ppm(0-2000ppm) ±10%(2000-8000ppm)	*	*
CO	0-1000ppm	1ppm	±5% or ±10ppm		*
Temperature	-20 to 60°C -4 to 140°F	0.1°C/0.1°F	±0.9°C/1.62°F(40 to 60°C/74 to 140°F) ±0.5°C/1°F(5 to 40°C/41 to 74°F) ±1.1°C/1.98°F(-20 to 5°C/-4°F to 41°F)	*	*
Humidity	10 to 90%RH	1%RH	±2.5%RH	*	*
Dew Point Temp	-44 to 57°C -47 to 135°F	0.1°C/°F	±1°C(-20 to 60°C/40 to 90%RH) ±2°C(-20 to 60°C/20 to 60%RH) ±4°C(10 to 20%RH)	*	*
Wet Bulb Temp	-16 to 57°C 3 to 135°F	0.1°C/°F	±1.2°C(-20 to 60°C/20 to 90%RH) ±2.1°C(10 to 20%RH)	*	*

Size(HxWxD): 307mm x 78mm x 57mm
Weight: 355g

Accessories :
NiMH battery, gift box with carrying case.

Model 8502



Model 8503

DT-802 Desktop Indoor Air Quality CO₂ Monitor

Features

Checks for Carbon Dioxide (CO₂) concentrations with Max/Min value recall function
Maintenance free NDIR (non-dispersive infrared) CO₂ sensor
Indoor Air Quality displayed in ppm with Good (380 to 420ppm), Normal (<1000ppm), Poor (>1000ppm) indication
Visible and Audible CO₂ warning alarm
Displays Year, Month, Date, and Time
Automatic Baseline Calibration (minimum CO₂ level over 7.5 days) or manual calibration in fresh air

Specifications

Function	Range	Resolution	Accuracy
CO ₂	0-9999ppm	1ppm	±75ppm(0-2000ppm)/±8%(2000-9999ppm)
Temperature	-10 to 60°C/14 to 140°F	0.1°C/°F	±1°C/1.8°F
Humidity	0.1 to 99.9%RH	0.1%RH	±3%RH(25°C/30 to 99%RH) ±4%RH(25°C/0 to 30%RH)

Size(HxWxD): 110mm x 105mm x 61mm
Weight: 230g

Accessories :
NiMH battery, gift box with carrying case.



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Model 802

CO₂-5000
Green-House Series

Specifications

Input power	110V-240V
Amps requirements	15Amps
Min/Max operating temperature	-10°C to 50°C (14°F to 122°F)
Min/Max operating Humidity	0 to 95%RH
Storage temperature	-10°C to 50°C (14°F to 122°F)
Temperature measurement range	-10°C to 50°C (14°F to 122°F)
Humidity measurement range	0 to 99%RH
Temperature Accuracy	±1°C (± 1.8°F)
CO ₂ Measurement range	0-5000PPM
CO ₂ Accuracy	±50 PPM or ±5% of measured value
CO ₂ sensor warn-up time	<120s
Baud Rate	9600bps
Possess 12Vdc signal control	CO ₂ disable function
Life expectancy	>10years

- Larger LCD display year, month, day, hour, minute with green backlight
- PC interface Optional USB
- CO₂ sensor type NDIR

Size(HxWxD): 208mm x 170mm x 110mm

Weight: 1310g

Accessories :

Battery and USB cable, CD software, AC adaptor, Gift box with carrying case

CT-01 Conductivity Tester

Features

- Accurate Nutrient Meter
- Auto power On/Off
- Waterproof
- No calibration Required

Size(HxWxD):

395mm x 30mm x 26mm

Weight: 130g

Accessories :

Batteries and Gift box.



DT-176 Waterproof pH Meter

Flat surface electrode design provides fast and easy on-the-spot pH measurements

Specifications

Range	0.00 to 14.00pH
Temperature	-5 to 90°C (23 to 194°F)
Resolution	0.01pH, 0.1°
Accuracy	±0.01pH, ±1°C/±1.8°F

Size(HxWxD): 160mm x 38mm x 30mm

Weight: 83g



Accessories :

Four 3V CR3032 button batteries, clamshell.

HT-24 Wireless Humidity/Temperature Switch with Timer function

Temperature/Humidity Sensor Terminals for RF system (DT-180)

- Measure Temp. range: -40~70°C (-40~158°F)
- Measure Humidity range: 0~100%RH

Temp/Humidity Wireless Receiving & Time system (HT-24)

Features (HT24/T-12/T-12S/T-12B)

Operation: 24 hours and 7 days & 24 ON and 24 OFF
 Minimum Setting Interval: 1 minute
 Count-down programme: MAX, 59hrs, 59mins, 59secs
 Alarm: MAX, 24 times daily, 1-59 secs alarm time setting
 Reset and Recall functions & LED power-on indicator
 Large LCD display with time, temp, %RH function indication
 Group Settings: MO. TU. WE. TH. FR. SA. SU(any day)
 MO. TU. WE. TH. FR. SA. SU(every day)
 Power Input: 100-250V, AC 50/60Hz
 Output Capacity(resistive): 16A, 20A, 30A, 70A (option)
 Working Temperature: ±5°C~±55°C

Model HT-24



Model 180

Size(HxWxD): HT-24/T-12S: 140mm x 72mm x 43mm

Weight: 214g (HT-24/T-12S)

Size(HxWxD): 180: 94mm x 50mm x 32mm
Weight: 91g (180)

Accessories :

Battery and clamshell.

T-12/T-12B/T-12S Timers Series

Model T-12B



Model T-12

Accessories :

Battery and clamshell.

Model T-12S



DT-25 Home Energy Check



Size(HxWxD):

140mm x 72mm x 43mm

Weight: 280g

Accessories :

Battery and clamshell.

The Home Energy Check which you acquired is a power-measuring device which complies with the latest state of the art. It will enable you to determine the costs you will incur for the energy of your "current eaters" in a simplest way.

Specifications

Operating voltage	230 V A.C., 50 Hz
Tolerance	± 1% ± 1 W (max. ± 2 % and ± 2W)
Measurements range	2,500 W; max. ± 4 % for measurements exceeding 2,500 W
Input/Output	Earthing protective contact plug and socket
Maximum amperage	Approx. 13 A
Max. power	3,000 W (= 3 kW = abt. 13 A x 230 V)
Overflow indication	Flashing signal from abt. 3,070 W
Working temperature	From +10 °C to +40 °C, rel. humidity of air < 75 %, noncondensing