CEM

DT-173
Sound Level Datalogger

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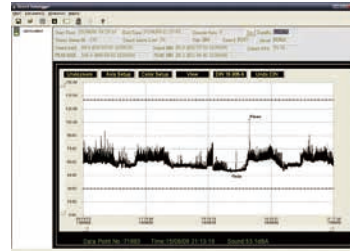
Features

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

EMC
EN: 61326

Model 173

Specifications

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

Size(HxWxD): 106mm x 56mm x 33.5mm
Weight: 34g
Accessories :
3.6V Lithium battery, stand, software and clamshell.

DT-186/187 Anemometer Datalogger

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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.

Model 186   Model 187

DT-185 USB Light Datalogger

Features

Alarm setup and indication
Recording and low battery indication
Manual and automatic start mode
USB port for data transmission and power supply
Status indication via Red/Yellow LED and Green LED
Analysis software windows XP/Vista/Win7/8/10

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Specifications

Memory	51840 readings
Measuring rate	1sec. to 1h
Measurement Range	0 to 1999W/m^2
Measurement Max. Resolution	1W/m^2
Accuracy	±5% or ±10W/m^2

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

Model 185

Model 174B   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

Specifications

Data Memory	10000	
Sampling rate	1 min to 18 hours	
Data output	USB	
Temperature		
Range	-40~70℃/-40~158℉	
Resolution	0.1℃/0.1℉	
Accuracy	40 to 70℃/104 to 158℉	±2℃/3.6℉
	0 to 40℃/32 to 104℉	±1℃/1.8℉
	-40 to 0℃/-40 to 32℉	±2℃/3.6℉
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 ℃)	
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

Model 179

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