

C.A 1246

Logger Thermo-Hygrometer



Measure humidity and temperature in all conditions

- Compact and magnetized for fixed or portable use
- Recording up to 1 million points
- Alarms and recording trigger on alarm
- Battery life of up to 3 years
- IP54 casing



Data Logger Transfer
Automatic report generation



Bluetooth[®]

Measure up



12 °C

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RELATIVE HUMIDITY

Type	Capacitive sensor	
Measurement range	3.0 to 98.0 %RH	
Resolution	0.1 %RH	
Intrinsic uncertainty	10 to 90 %RH: $\pm (2 \%RH \pm 1 \text{ ct})$, outside that range: $\pm (4 \%RH \pm 1 \text{ ct})$	
Response time (66%)	60 s	

TEMPERATURE

Type of sensor	Temperature sensor with semiconductor	
Measurement range	- 10.0 to + 60.0°C	14.0 to + 140.0°F
Resolution	Display in °C: 0.1°C	Display in °F: 0.1°F
Intrinsic uncertainty in °C	10 to 40°C: $\pm (0.5^\circ\text{C} \pm 1 \text{ ct})$ outside that range: $\pm (0.032 \times (T-25) \pm 1 \text{ ct})$ / T= temperature in °C	
Response time (66%)	30 s	

DEW POINT

Measurement range	- 20.0 to + 60.0°Ctd	-4.0 to + 140.0 °Ftd
Resolution	Display in °C: 0.1°C	Display in °F: 0.1°F

FUNCTIONS

Recording	Manual Start / Stop on the product short press for MEM spot recording / Long press for REC recording at the rate of the current mode Programmed recording: start date, recording interval (1 minute to 2 hours) and end date defined using the PC software
Alarms	Alarm thresholds settable in the software / Recording can be triggered on an alarm threshold
Data storage	More than 1 million points
Min-Max-Hold	Yes
Units	°C or °F / %RH
Backlighting	Yes
Automatic power-off	Yes (configurable)

POWER SUPPLY

Type	3 x 1.5V AA / LR6 alkaline batteries Connection to the mains possible with the mains / micro-USB adapter offered as an accessory
Battery life	1,000 hrs (portable mode) / 3 years of recording (15-minute measurement interval)

PHYSICAL SPECIFICATIONS

Interfaces	2 possible communication modes: Bluetooth wireless link and USB
Mounting	Casing equipped with a magnet, a wall-mount system and a slot for suspending the product Compatible with the Multifix accessory
Dimensions / weight	187 x 72 x 32 mm / 260 g with batteries
Ingress protection	IP54 casing
Product operating range	Temperature: -10 to +60 °C / Humidity: 10 to 90 %RH
Compliance	IEC61010-1 / IEC 61326-1

GENERAL SPECIFICATIONS

Data Logger Transfer Windows PC software functions	Display as a graph or a table of values / Data export in graph or Excel table form Real-time mode / Automatic report generation in Word format / Data format compatible with the Dataview software offered as an accessory
Warranty	2 years

Accessories / Replacement parts

75%RH salt cartridge	P01156401
33%RH salt cartridge	P01156402
Shockproof sheath + Multifix	P01654252
Multifix	P01102100Z
Mains adapter	P01651023
Bag	P01298075
Metal case	P01298071
Dataview software	P01102095
Bluetooth BLE / USB modem for PC	P01654253
4 x AA/LR6 NiMH Batteries + Battery charger	HX0053

Standard state at delivery:

Bag, 3x1.5V AA batteries, USB cable, test report and quick start-up guide (complete manual and Data Logger Transfer software available on the Chauvin Arnoux website)



TO ORDER

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..... P01654246

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