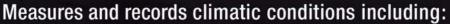
PosiTector DPML Dew Point Meter Logger

Magnetic probe attaches to steel structures for monitoring climatic conditions



Relative humidity, air temperature, surface temperature, dew point temperature, difference between surface and dew point temperatures, and wet bulb temperature. Ideal for surface preparation as required by ISO 8502-4.

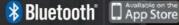








Kensington Security Slot for anti-theft protection









MEASURES

RH - relative humidity

Ta - air temperature

Ts - surface temperature

CALCULATES

Td - dew point temperature Ts-Td - the difference between surface and dew point temperatures

Tw - wet bulb



PosiTector DPM L Dew Point Meter Logger

Features...

- Attaches to steel structures to measure and record environmental parameters independently for up to 200 days. Stored datasets can be downloaded using a PosiTector Advanced gage body or Apple/Android smart device.
- Records parameters at user selected intervals from 1 min. to 8 hrs.
- Environmentally sealed enclosure weatherproof, dustproof and shockproof —meets or exceeds IP65
- Fast response precision sensors provide accurate, repeatable readings
- Internal memory storage of 10,000 datasets (60,000 readings)
- Kensington Security Slot for anti-theft protection. Kensington Lock sold separately.
- Uses common lithium coin cell batteries (CR2032)
- Every stored dataset is date and time stamped
- Certificate of Calibration showing traceability to NIST included
- Conforms to national and international standards including ISO and ASTM
- Two year warranty

Specifications	Range	Accuracy	Resolution
Surface Temperature	-40° to 80° C	± 0.5° C	0.1° C
	80° to 190° C	± 1.5° C	
	-40° to 175° F	± 1° F	0.1° F
	175° to 375° F	± 3° F	
Air Temperature	-40° to 80° C	± 0.5° C	0.1° C
	-40° to 175° F	± 1° F	0.1° F
Humidity	0 to 100%	± 3%	0.1%
Dew Point	-60° to 80° C	± 3° C‡	0.1° C
	-76° to 175° F	± 5.4° F‡	0.1° F

[‡] Dependent on RH. See www.defelsko.com/TdAccuracy for more information.

Ordering Guide			
PosiTector DPM L	DPML		

PROBE COMES COMPLETE with air/surface temperature sensors, RH sensor, two CR2032 coin cell batteries, instructions, Long Form Certificate of Calibration traceable to NIST, storage container, and two year warranty.

Size: Ø50 mm x ~38 mm Weight: 50 g

 $(02" \text{ w x} \sim 1.5" \text{ h})$

(1.8 oz.) without battery

Operating Range: -10° to 60° C (14° to 140° F)



For use with the **PosiTector App** and the **PosiTector Advanced**



- Display and record the climatic parameters from remote (wireless) PosiTector DPM L probes
- Automatically download readings once connected via Bluetooth 4.0 Technology (Bluetooth Smart)
- · View live measurement data on screen
- Alarms indicate when climate conditions exceed user-selectable parameters
- Smart Trend™ indicators identify rising, falling or stable readings
- Easily create reports and manage data with PosiSoft software

PosiTector App

An easy-to-use mobile app (iOS/Android) that wirelessly connects to PosiTector *DPM L* Smart Probes.

 Automatically generate user-formatted reports and share via email, text, cloud storage services like Dropbox, and more

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PosiTector Advanced

- Storage of 100,000 datasets in up to 1,000 batches
- Onscreen graphing of measurement data
- Includes the entire PosiSoft Suite of solutions for analyzing and reporting data
- View and print readings and graphs using universal PC/Mac web browsers and file explorers





Conforms to ISO 8502-4, BS 7079-B4, ASTM D3276, IMO PSPC, SSPC-PA7 and US Navy NSI 009-32.



