# PosiTector® DPML Dew Point Meter Logger

Magnetic probe attaches to steel structures for monitoring climatic conditions

Measures and records climatic conditions including:

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.

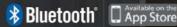








Kensington Security Slot for anti-theft protection









#### **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







### 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	-10° to 80° C	± 0.5° C	0.1° C
	80° to 100° C	± 1.5° C	
	14° to 175° F	± 1° F	0.1° F
	175° to 212° F	± 3° F	
Air Temperature	-10° to 60° C	± 0.5° C	0.1° C
	14° to 140° F	± 1° F	0.1° F
Humidity	0 to 100%	± 3%	0.1%
Dew Point	-60° to 60° C	± 3° C‡	0.1° C
	-76° to 140° F	± 5.4° F‡	0.1° F

<sup>&</sup>lt;sup>‡</sup> 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

 $(\emptyset 2" \text{ w x } \sim 1.5" \text{ h})$  (1.8 oz.) without battery



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



- Display and record 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
- Smart Trend<sup>™</sup> 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.

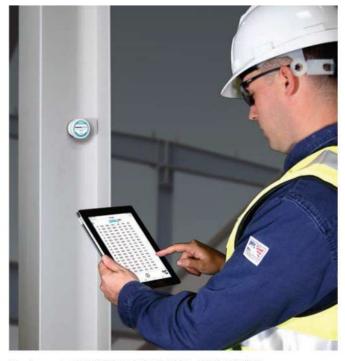
 Automatically generate user-formatted reports and share via email, text, cloud storage services like Dropbox, and more



#### PosiTector Advanced

- NEW Storage of 250,000 readings from multiple probes in up to 1,000 batches
- On-screen graphing of measurement data
- Alarms indicate when climate conditions exceed user-selectable parameters
- Includes PosiSoft suite of software for viewing 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.

