

# PosiTector<sup>®</sup> **DPM L**

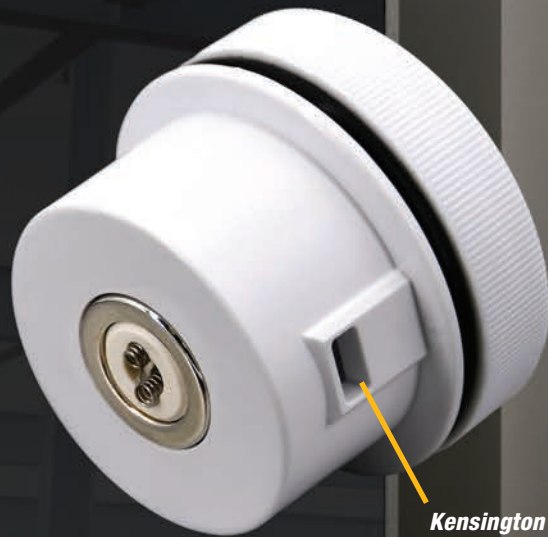
## Dew Point Meter Logger

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.



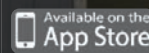
50 mm (2")



Kensington Security Slot for anti-theft protection



**DeFelsko<sup>®</sup>**  
The Measure of Quality



D A T A S E T

### 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<sup>®</sup> 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. PosiTector DPM L 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 <sup>‡</sup>	0.1° C
	-76° to 140° F	± 5.4° F <sup>‡</sup>	0.1° F

<sup>‡</sup> Dependent on RH. See [www.defelsko.com/TdAccuracy](http://www.defelsko.com/TdAccuracy) for more information.

### Ordering Guide

PosiTector DPM L	DPML
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**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  
 (Ø2" w x ~1.5" 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™ indicators identify rising, falling, or stable readings
- Easily create reports and manage data with PosiSoft software

### PosiTector App

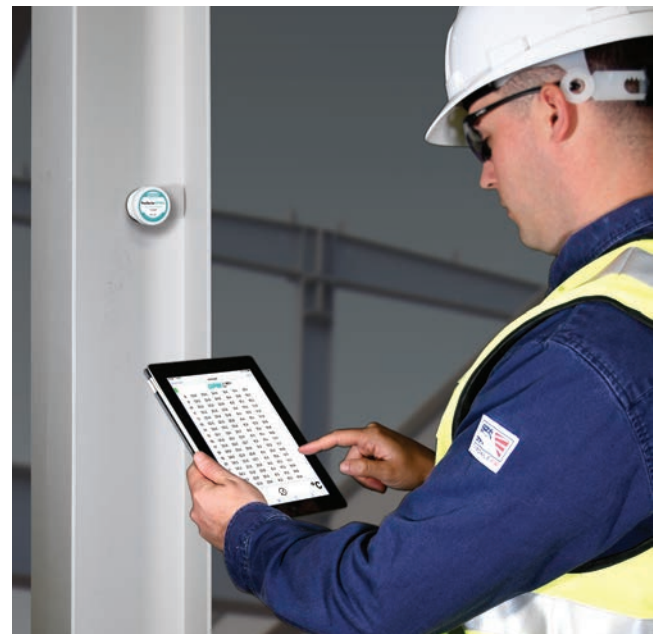
An easy-to-use mobile app (iOS/Android) that wirelessly connects to PosiTector DPM L Smart Probes.

- Automatically generate user-formatted reports and share via email, text, cloud storage services like Dropbox, and more
- Easily synchronize readings with PosiSoft Desktop software via PosiSoft.net



### 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.