

# PosiTector<sup>®</sup> **DPM L** Dew Point Meter Logger

Magnetic probe attaches to steel structures for monitoring climatic conditions

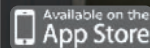
Measures and records climatic conditions including: Relative humidity, air temperature, surface temperature, dew point temperature, difference between surface and dew point temperatures, and wet bulb temperature. Ideal for surface preparation as required by ISO 8502-4.



50 mm (2")



Kensington Security Slot for anti-theft protection



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

**DeFelsko<sup>®</sup>**

Your Complete Source for  
Testing Equipment Since 1969!

[www.BergEng.com](http://www.BergEng.com)  
Berg Engineering & Sales Company, Inc.

1-847-577-3980  
Info@BergEng.com

# PosiTensor<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 PosiTensor 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](http://www.defelsko.com/TdAccuracy) for more information.

### Ordering Guide

PosiTensor 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  
(Ø2" w x ~1.5" h)                      (1.8 oz.) without battery

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



**Optional Kensington Lock** keeps the PosiTensor DPM L safe and secure

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

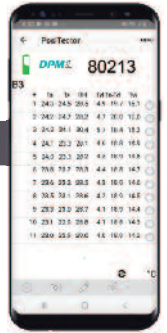


- Display and record the climatic parameters from remote (wireless) PosiTensor DPM L probes
- Automatically download readings once connected via **Bluetooth 4.0 Technology** (Bluetooth Smart)
- View live measurement data on screen
- Alarms indicate when climate conditions exceed user-selectable parameters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

### PosiTensor App

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

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



### PosiTensor 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.

**DeFelsko<sup>®</sup>**  
Inspection Instruments

  
Made in U.S.A.



Your Complete Source for  
Testing Equipment Since 1969!

[www.BergEng.com](http://www.BergEng.com)  
Berg Engineering & Sales Company, Inc.

1-847-577-3980  
Info@BergEng.com