

PosiTector[®] **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[®]
The Measure of Quality

D A T A S E T

MEASURES

RH – relative humidity
T_a – air temperature
T_s – surface temperature

CALCULATES

T_d – dew point temperature
T_s – T_d – the difference between surface and dew point temperatures
T_w – wet bulb



PosiTensor[®] 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 for more information.

Ordering Guide

PosiTensor 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

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.

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Inspection Instruments

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