

PosiTector® *DPM L Series* Dew Point Meter Loggers

Magnetic probes attach 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.



PosiTector DPM L



PosiTector DPM L+



Bluetooth®



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 Series

Dew Point Meter Loggers

Features...

Simple

- Attaches to steel structures to measure and record environmental parameters independently for up to 200 days (DPM L) or 600 days (DPM L+)
- Records parameters at user selected intervals from 1 min. to 8 hrs.
- Connect via Bluetooth to an Apple/Android device to view live data, configure settings, start logging, and email reports
- Uses common CR2032 Coin cell (PosiTensor DPM L) or AAA batteries (PosiTensor DPM L+)

Durable

- Environmentally sealed enclosure—weatherproof, dustproof, and shockproof—meets or exceeds IP65
- Two-year warranty
- Kensington Security Slot for anti-theft protection. PosiTensor DPM L Lock sold separately.

Accurate

- Fast response, precision sensors provide accurate, repeatable readings
- Certificate of Calibration showing traceability to NIST included
- Conforms to national and international standards including ISO and ASTM

Powerful

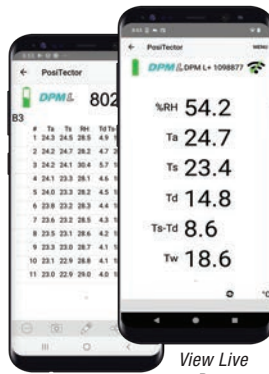
- Automatically generate user-formatted reports and share via email, text, and cloud storage services
- Internal memory storage of 10,000 datasets (60,000 readings)—every stored dataset is date and time stamped

Two Ways to View Logged Readings

On-Site

(PosiTensor DPM L & PosiTensor DPM L+)
Connect to the PosiTensor App, an easy-to-use mobile app (iOS/Android) that wirelessly connects using Bluetooth

Download readings for review and analysis



View Live Data

Remote

(PosiTensor DPM L+ only)
Continuously upload readings to PosiSoft.net using a WiFi connection, to remotely monitor job site conditions from anywhere using a PC or Mac



Easily spot trends and analyze large batches of data

View and share readings in real-time

Select from Two Powerful Solutions

PosiTensor DPM L

Dew Point Meter Logger

Ideal for unattended logging of environmental data

- Includes all features listed at left



PosiTensor DPM L+

Dew Point Meter Logger Plus

Ideal for unattended logging and remote monitoring of environmental data

- Includes all features listed at left
- Automatically upload readings to PosiSoft.net at user-specified intervals to remotely monitor environmental conditions (WiFi network required)
- Configure email alarms for notification when conditions exceed pre-set thresholds
- Automatically group readings at daily, weekly, or monthly intervals
- USB port for supplying continuous power



Specifications	Range	Accuracy	Resolution
Surface Temperature	-10° to 0° C	± 1.5° C	0.1° C
	>0° to 80° C	± 0.5° C	
	>80° to 100° C	± 1.5° C	
	14° to 32° F	± 2.7° F	0.1° F
	>32° to 176° F	± 0.9° 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

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

Ordering Guide

PosiTensor DPM L	DPML
PosiTensor DPM L+	DPMLPLUS

PROBES COME COMPLETE with air/surface temperature sensors, RH sensor, two batteries, protective cover, instructions, Long Form Certificate of Calibration traceable to NIST, and two year warranty.

Optional Lock keeps the PosiTensor DPM L and DPM L+ safe and secure

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



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