PosiTector® *DPM L*
Dew Point Meter Logger

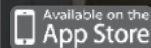### Magnetic probe attaches to steel structures for monitoring climatic conditions

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.

IP65

DeFelsko
Made in USA
PosiTector® *DPM L*
Dew Point Meter
Logger
FC CE
www.defelsko.com

|← 50 mm (2") →|

Kensington Security Slot
for anti-theft protection

Bluetooth® Available on the App Store

DATASET

MEASURES	CALCULATES
RH – relative humidity	**T$_d$** – dew point temperature
T$_a$ – air temperature	**T$_S$–T$_d$** – the difference between
T$_S$ – surface temperature	surface and dew point temperatures
	T$_w$ – wet bulb

DeFelsko®

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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	−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
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Humidity	0 to 100%	± 3%	0.1%
Dew Point	−60˚ to 80˚ C	± 3˚ C‡	0.1˚ C
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‡ *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
(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 PosiTector *DPM L* safe and secure

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

- Display and record the 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
- 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

PosiTector® App

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

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DeFelsko®
Inspection Instruments

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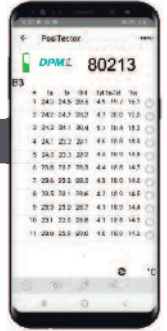## For use with the *PosiTector App* and the *PosiTector Advanced*

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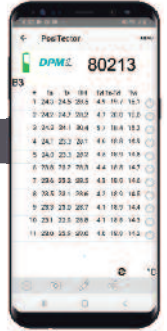## For use with the *PosiTector App* and the *PosiTector Advanced*

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