

# PosiTector® **DPM** Dew Point Meter

Ideal for Use  
Outdoors & Indoors



PosiTector®  
B2 n3  
%RH 73.5 ↓  
Ta 26.5  
Ts 29.9 ↑  
Td 21.4  
Ts-Td 8.5 ↑  
 °C

Measures and records climatic conditions including:

Relative humidity, air temperature, surface temperature, dew point temperature and difference between surface and dew point temperatures. Ideal for surface preparation as required by ISO 8502-4.



Standard model shown with separate probe

Advanced model shown with built-in probe



Available on the App Store

**DeFelsko®**  
The Measure of Quality

# PosiTector® Dew Point Meter

## A New Level of Confidence for painting contractors & inspectors.

### Simple

- Enhanced one-handed menu navigation
- No need to consult complex tables or use a slide rule calculator
- Audio and visual alarm – indicates when climate conditions are unsuitable for painting
- All readings are constantly updated and displayed simultaneously
- RESET feature instantly restores factory settings

### Durable

- Rugged, outdoor/indoor instrument
- Solvent, acid, oil, water and dust resistant – weatherproof
- Shock-absorbing, protective rubber holster with belt clip
- Two year warranty on body and probe

### Accurate

- Fast response precision sensors provide accurate, repeatable readings with high reliability and long term stability
- Smart Trend™ indicators identify rising, falling or stable readings
- Certificate of Calibration showing traceability to NIST included
- Conforms to national and international standards including ISO and ASTM

### Versatile

- Internal Memory stores datasets with the simple touch of a button
- Auto Log Mode automatically records 5 parameters at user selected time intervals. Ideal for unattended operation.
- Every stored reading is date and time stamped
- Field calibratable
- Celsius/Fahrenheit switchable
- Selectable display languages
- Hi Contrast backlit display for bright or dark environments
- Flip display enables right-side-up viewing
- Uses alkaline or rechargeable batteries (built-in charger)

### Powerful

- Universal body accepts all PosiTector DPM, 6000, and SPG probes
- Hold function freezes the display allowing readings to be manually recorded
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included
- USB mass storage – stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required
- Software updates via web keep your instrument current
- Connects to PosiTector.net (see far right panel)

| D A T A S E T                        |  |
|--------------------------------------|--|
| MEASURES                             | CALCULATES   |
| RH – relative humidity               | T <sub>d</sub> – dew point temperature   |
| T <sub>a</sub> – air temperature     | T <sub>s</sub> –T <sub>d</sub> – the difference between surface and dew point temperatures |
| T <sub>s</sub> – surface temperature |  |

## Gage Selection...

### Select Standard or Advanced Features

#### Standard Models

Includes ALL features as shown on left plus...

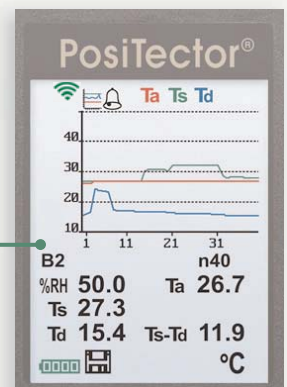
- Monochrome display
- Storage of 2,500 datasets (RH, Ta, Ts, Td, Ts–Td). Stored readings can be viewed or downloaded
- Auto Log Mode automatically records all 5 parameters at user selected time intervals. Runs unattended on batteries for up to 50 hours or continuously via USB

#### Advanced Models

Includes ALL features as shown on left plus...

- Hi Contrast reversible color LCD
- Storage of 20,000 datasets (RH, Ta, Ts, Td, Ts–Td) in up to 1,000 batches and sub-batches. Stored readings can be viewed or downloaded
- **NEW!** WiFi technology wirelessly synchronizes with PosiTector.net, downloads software updates, and connects to mobile devices for expanded functionality
- Auto Log Mode automatically records all 5 parameters at user selected time intervals. Data can be streamed via USB or WiFi at each interval. Runs unattended on batteries for up to 8 months or continuously via USB
- On screen help, real time graphing, picture prompting, and batch notes
- Data transfer via USB to a PC or via Bluetooth Wireless Technology to a PC or printer
- User defined limits for all parameters with visible and audible warnings
- Wet Bulb temperature can be displayed
- Trend Charts graph readings in real-time

Advanced model display shown in Memory Mode with real-time graphing



### Select from 2 Probe Styles

#### Built-in Probe

- Includes built-in surface temperature sensor

#### Separate Probe

- Includes magnetic surface temperature sensor with armored cable. Ideal for unattended auto logging during work shift or at night
- Includes magnetic mount for rubber holster to attach the instrument onto steel structures
- Accepts other optional K-type sensors

## Tough Features...

Sealed USB Port for communicating with a PC or Mac

Water and dust resistant – weatherproof

Hi resolution color LCD

Scratch/solvent/impact resistant lens

Advanced model shown in Memory and Alarm Modes

Universal body accepts all PosiTector DPM, 6000 and SPG probes

Solvent, acid, oil resistant, hi-grade, industrial strength housing

Multi-function navigation button

Shock-absorbing, protective rubber holster with belt clip and wrist strap

Air temperature and humidity sensor

White sensor housing reduces the effect of direct sunlight

Built-in thermocouple surface temperature sensor



### Example of Advanced model with Auto Log Display

Batch Number

Number of stored datasets

All 5 parameters are constantly updated and displayed simultaneously

Smart Trend™ Indicators identify rising, falling or stable readings

Countdown timer

## PosiTector.net by DeFelsko

Home

My Gages

What's New

My Account

where your gage meets the cloud™

PosiTector.net



**A free web-based application offering secure centralized management of measurement data**

- Synchronize measurement data when connected via USB or WiFi (Advanced models only)—readings are uploaded to a secure server; images and batch notes are downloaded to your instrument
- Manipulate uploaded data using a standard internet web browser from any location in the world—jobsite or head office
- Generate reports and graphs with annotations and user selected images
- Share measurement data with authorized users via a secure login from any computer and most web enabled devices
- Export data to XML and text files
- Visit [www.defelsko.com/PosiTectorNET](http://www.defelsko.com/PosiTectorNET) for a demonstration

Flip Display enables right-side-up viewing in any position



# Universal body accepts all PosiTector® DPM, 6000 and SPG probes



Analyze uploaded readings using a web browser from anywhere – jobsite or head office.

## Additional K-type Sensors for use with separate probe

- **Hand-held Surface Temperature Sensor** – for spot checking hard-to-reach surfaces
- **Self-adhering Surface Temperature Sensor** – sticks to solid materials including aluminum, wood, concrete, etc. Ideal for unattended monitoring
- **Liquid Temperature Sensor** – general purpose sensor with stainless steel shaft

## Accessories

**Bluetooth™ Printer** receives data from Advanced models

**Rechargeable Batteries** – a set of enloop NIMH AAA batteries

**AC Power Kit** for continuous operation or battery charging –works in any country

**Protective Lens Shields** protect the display from overspray



| Probe Style           | Built-in | Separate | Specifications             | Range          | Accuracy | Resolution |
|-----------------------|----------|----------|----------------------------|----------------|----------|------------|
| <b>Ordering Guide</b> |          |          | <b>Surface Temperature</b> | -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   |            |
| <b>Standard</b>       | DPM1     | DPMS1    | <b>Air Temperature</b>     | -40° to 80° C  | ± 0.5° C | 0.1° C     |
|                       |          |          |                            | -40° to 175° F | ± 1° F   | 0.1° F     |
| <b>Advanced</b>       | DPM3     | DPMS3    | <b>Humidity</b>            | 0 to 100%      | ± 3%     | 0.1%       |

**All Instruments Come Complete** with humidity, air and surface temperature sensors, protective rubber holster with belt clip, wrist strap, 3 AAA alkaline batteries, instructions, nylon carrying case with shoulder strap (Built-in probe models), hard shell carrying case (Separate probe models), protective lens shield, Long Form Certificate of Calibration traceable to NIST, USB cable, two (2) year warranty.

**Size:** 159 x 61 x 31 mm (6.25 x 2.4 x 1.2 in.)

**Weight:** 150 g (5.3 oz.) without batteries

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

