

PosiTector® **DPM** Dew Point Meter

Ideal for Use
Outdoors & Indoors



Advanced
model
shown with
built-in probe

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

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	Td – dew point temperature
Ta – air temperature	Ts–Td – the difference between surface and dew point temperatures
Ts – surface temperature	Tw – wet bulb temperature – <small>ADVANCED MODELS ONLY</small>

Gage Selection...

Select Standard or Advanced Features

Standard Models

Includes ALL features as shown on left plus...

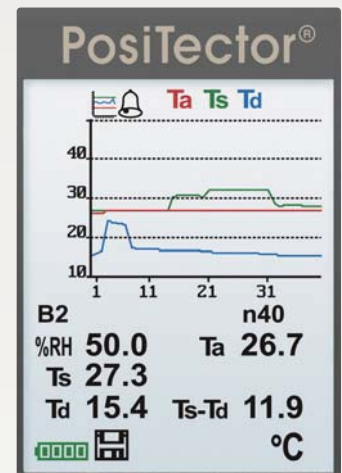
- Monochrome display
- Storage of 2,500 datasets (RH, Ta, Ts, Td, Ts–Td). Stored readings can be viewed or downloaded
- Auto Log Mode automatically records all 5 parameters at user selected time intervals. Runs unattended on batteries for up to 50 hours or continuously via USB

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
- Auto Log Mode automatically records all 5 parameters at user selected time intervals. Data can be streamed via USB or Bluetooth® 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—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 for a demonstration

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



Standard models shown

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



Removable Separate
DPM probe with
Magnetic Surface
Temperature Sensor

Removable
Built-in DPM probe



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 eneloop 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
Ordering Guide			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	
Standard	DPM1	DPMS1	Air Temperature	-40° to 80° C	± 0.5° C	0.1° C
				-40° to 175° F	± 1° F	0.1° F
Advanced	DPM3	DPMS3	Humidity	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, protective lens shield, Long Form Certificate of Calibration traceable to NIST, USB cable, two (2) year warranty.

Size: 178 x 64 x 31 mm (7 x 2.5 x 1.2 in.)

Weight: 185 g (6.5 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

