

PosiTector® DPM Dew Point Meter

Measures and records climatic parameters including: Relative humidity, surface temperature, dew point temperature and difference between surface and dew point temperatures. Ideal for surface preparation as required by ISO 8502-4, BS 7079-B4, ASTM D3276-05, NSTM 009-32, IMO PSCP and SSPC-PA7



SIMPLE

- Large, easy-to-read, graphics LCD with multilingual support
- One-handed menu navigation
- Audio and visual alarm – indicates when climatic conditions are unsuitable for painting.
- No need to consult complex tables or use a slide rule calculator
- Bi-color indicator light – ideal in a noisy environment
- All 5 parameters are constantly updated and displayed simultaneously
- Graph mode charts all 5 parameters for quick analysis.

DURABLE

- Rugged, outdoor/indoor instrument
- Solvent, acid, oil, water and dust resistant - meets or exceeds [IP5X](#)
- Scratch/Solvent resistant display suitable for harsh environments
- Shock-absorbing protective rubber holster with belt clip and wrist strap
- Two (2) year warranty on both body and sensors

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 8502-4, BS 7079-B4, ASTM D3276-05, NSTM 009-32, IMO PSPC and SSPC-PA7

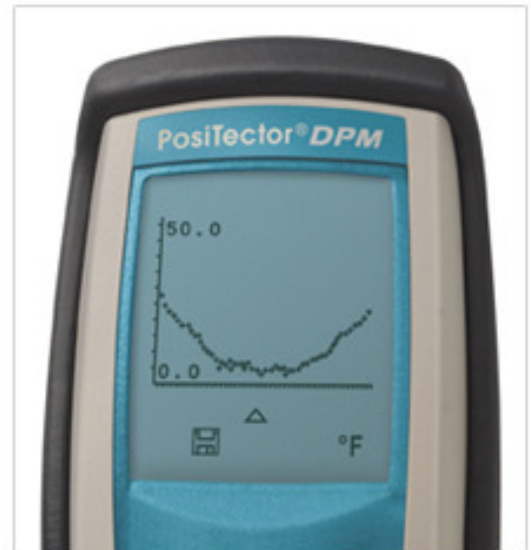
VERSATILE

- Internal Memory stores 2,500 datasets in 100 batches with the simple touch of a button
- Data Logger Mode automatically records all 5 parameters at user selected time intervals. Ideal for unattended operation.
- Built-in clock – date and time stamps each stored measurement
- Easily converts to accept optional probes including magnetic and hand-held surface temperature probes
- USB and IR ports for downloading to a PC or printer
- Flip Display for right-side-up viewing.
- Celsius/Fahrenheit switchable
- Backlit display for dim or dark environments.

D A T A S E T	
MEASURES	CALCULATES
RH – relative humidity	T _d – dew point temperature
T _a – air temperature	Δ – the difference between surface and dew point temperatures
T _s – surface temperature	



Magnetic surface temperature probe available for hands-free recording



Graph Mode charts all 5 parameters for quick analysis.

RUGGED FEATURES

The PosiTector DPM was designed for use in outdoor and indoor industrial environments. Now with an impact-resistant Lexan® display and shock-absorbing rubber holster the PosiTector DPM is more rugged and durable than ever before.

TECHNICAL SPECIFICATIONS

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%

PosiTector DPM comes complete with...

- humidity, air and surface temperature sensors
- protective rubber holster with belt clip and wrist strap
- 3 AAA batteries
- instructions
- nylon carrying case with shoulder strap
- Certificate of Calibration traceable to NIST



two (2) year warranty (Body and Sensors)