

# PosiTector DPM

## Dew Point Meter

This new meter helps bring a new level of confidence to the painting contractor and inspector. Measure and record climatic parameters including air temperature, surface temperature, dew point temperature and the difference between surface and dew point temperatures, which is critical for determining condensation probability. This meter is ideal for surface preparation, as required by ISO 8502-4.

A large, easy-to-read graphic LCD display with multilingual support along with a two-button menu-driven user interface make this gage easy to operate.

- Rugged indoor/outdoor instrument is solvent, acid, oil, water and dust resistant – take it anywhere
- Graph Mode charts all five parameters for quick analysis
- Sliding cover on the sensor protects it when not in use and the white housing reduces the effect of direct sunlight for greater precision
- Sensor also has a soft rubber grip for easy handling and can be removed to accurately spot check hard-to-reach areas
- Quick recovery feature – built-in heating element removes condensation from probe ... always a factor when any instrument is moved from a cold to a warm environment
- Audio and visual alarm indicates when climatic conditions are unsuitable for painting
- Backglow display for dim or dark environments
- Internal memory stores up to 2500 datasets
- Data logger mode automatically records datasets at user selected time intervals – ideal for unattended operation to record climatic trends

### Ordering Information

Cat. No.	Description
PT-1170	PosiTector Dew Point Meter

#### Comes complete with:

3 AA batteries  
Rubber holster with belt clamp and wrist strap  
Nylon carrying case with shoulder strap  
Built-in infrared port for printing to a wireless IR printer  
NIST traceable certificate  
Operating instructions  
2 year warranty

### Ordering Information

Cat. No.	Description
PT-1173	PosiSoft for Windows Software
PT-1174	Infrared printer



### Standards

ASTM	D 3276
ISO	8502-4
BS	7079-B4

### Technical Specifications

Surface Temperature	-40 to 190 °C (-40 to 375 °F)
Accuracy	± 0.5 °C (1 °F) from -40 to 80 °C (-40 to 175 °F) ± 1.5 °C (3 °F) from 80 to 190 °C (175 to 375 °F)
Air Temperature	-40 to 80 °C (-40 to 175 °F)
Accuracy	± 0.5 °C (± 1 °F)
Humidity	0 - 100 %
Accuracy	± 3%
Resolution	0.1 °C (0.1 °F) for temperature; 0.1 % for humidity
Dimensions	178 x 64 x 31 mm (7 x 2.5 x 1.2 in)
Weight	185 g (0.4 lbs)

### Accessories

includes USB cable  
battery operated, receives data from instrument without cables