

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 and relative humidity to calculate dew point temperature. The difference between surface and dew point temperatures is critical for determining condensation probability. This meter is ideal for surface preparation, as required by ISO 8502-4.

- Rugged indoor/outdoor instrument is solvent, acid, oil, water and dust resistant – take it anywhere
- Sliding cover on the sensor protects it when not in use and the white housing reduces the effect of direct sunlight for greater precision
- The meter has a soft rubber holster for easy handling and can be removed to accurately spot check hard-to-reach areas
- Fast response precision sensors provide accurate, repeatable readings with high reliability and long term stability
- Indicators to identify changing environmental conditions
- Universal gage body to accept film thickness sensors and surface roughness sensor
- USB port for fast and simple PC downloads

The PosiTector DPM comes in two models:

Standard Model

- Monochrome Display
- Storage of 2500 datasets
- Auto Log Mode automatically records all 5 parameters at user selectable time intervals

Ordering Information

| Cat. No. | Description |
|----------|-------------------------|
| 1170 | PosiTector DPM Standard |
| 1172 | PosiTector DPM Advanced |

Comes complete with:

Humidity, air and surface temperature sensors
 3 AAA 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 |
|----------|---|
| 1175 | Bluetooth™ Printer, for DPM Advanced only |



Standards

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|------|---------|
| ASTM | D 3276 |
| ISO | 8502-4 |
| BS | 7079-B4 |

Advanced Model

- Hi Contrast rotatable color LCD display
- Storage of 20,000 datasets and 1000 batches and sub-batches
- WiFi technology for connectivity to mobile devices
- Auto Log Mode automatically records all 5 parameters with data streaming via USB or WiFi
- On screen help, real time graphing, picture prompting, and batch notes
- Data transfer via USB or Bluetooth™ to a PC or printer

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 | 159 x 61 x 31 mm (6.25 x 2.4 x 1.2 in) |
| Weight | 150 g (0.33 lbs) |

Accessories

Battery power or AC Power Kit, Protective Lens Shield