

Order Code	Description
<input type="checkbox"/> DPMIR1	PosiTector Standard with DPM IR Probe
<input checked="" type="checkbox"/> DPMIR3	PosiTector Advanced with DPM IR Probe


PosiTector® DPM Dew Point Meter		Compare PosiTector Gage Bodies	
Features	Standard	Advanced	
NEW Larger 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation	●	●	
Auto Log mode runs unattended on batteries for up to 50 hours or continuously via USB	●		
Enhanced Auto Log mode turns the gage off between readings for up to 8 months of battery life. Each reading can be uploaded to PosiSoft.net or an FTP server using WiFi. Automatically group readings into batches at daily, weekly, or monthly intervals.		●	
Two year warranty on body AND probe	●	●	
User defined limits for all parameters—visible and audible warnings. Send email alerts when connected to WiFi.		●	
Reading Storage Capacity	2,500 datasets	250,000 datasets in up to 1,000 batches	
NEW Touchscreen keyboard for quickly renaming batches, adding notes, and more		●	
Store thickness, profile, environmental, salt contamination, hardness, and wall thickness measurements in individual batches		●	
Wet bulb temperature can be displayed and recorded		●	
Trend Charts graph readings in real-time		●	
Connection Options			
USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.	●	●	
WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates		●	
Bluetooth 4.0 Technology for data transfer to a mobile device running the PosiTector App or optional portable printer. BLE API available for integration into third-party software.		●	



PosiTector DPM IR3



PosiTector DPM IR includes an infrared surface temperature probe

Removable Integral Probe	Probe Model DPM	
		
Surface Temperature		✓
Air Temperature		✓
Wet Bulb Temperature*		✓
Relative Humidity		✓
Dew Point Temperature		✓
Surface Temperature minus Dew Point Temperature		✓
Wind Speed		—

*Wet Bulb Temperature displayed/recorded on PosiTector Advanced (3) models only

PosiTector DPM IR Probe measures and records climatic conditions including: Relative humidity, air temperature, surface temperature, dew point temperature and difference between surface and dew point temperatures—plus an infrared surface temperature probe.

All Gages Feature...

Simple

- All readings are constantly updated and displayed simultaneously
- Alarms indicate when climate conditions are unsuitable for painting
- **NEW** Larger 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation
- **NEW** On-gage help explains menu items at the touch of a button

Durable

- **NEW** Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- **NEW** Ergonomic design with durable rubberized grip
- Shock-absorbing protective rubber holster for added impact resistance
- Two year warranty on gage body AND probe

Accurate

- Fast response precision sensors provide accurate, repeatable readings
- SmartTrend™ Indicators identify rising, falling or stable readings
- Certificate of Calibration included showing traceability to NIST (Long Form)
- Conforms to national and international standards including ISO and ASTM

Versatile

- Auto Log mode records environmental parameters at user selected time intervals
- **NEW** Auto rotating display with Flip Lock

Powerful

- Hold function freezes the display allowing measurements to be manually recorded
- **NEW** Instant-on feature quickly powers up the gage if recently powered down
- **NEW** Up to 30% longer battery life
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- Includes PosiSoft suite of software for viewing and reporting data

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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	
Infrared Surface Temperature*	-70° to 380° C	± 1° C + 1%**	0.1° C
	-94° to 716° F	± 1.8° F + 1%**	0.1° 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%
Dew Point	-60° to 80° C	± 3° C†	0.1° C
	-76° to 175° F	± 5.4° F†	0.1° F

* DPM IR models only

** At = 23° C ambient

† Dependent on RH. See www.defelsko.com/TdAccuracy for more information.

PosiTector DPM IR Specifications	
Distance to Spot Ratio (D:S)	4:1
Emissivity	Adjustable
Response Time	<500 μ (95% Response)
Spectral Response	5.5 – 14 μm



Comes complete with PosiTector gage body, DPM IR probe, environmental sensors, protective rubber holster, wrist strap, 3 AAA batteries, instructions, nylon carrying case with shoulder strap (DPM/DPMA/DPMD), hard shell carrying case (DPMS), protective lens shield, Long Form Certificate of Calibration traceable to NIST, USB cable, two (2) year warranty.

***SIZE:** 127 x 66 x 25.4 mm (5" x 2.6" x 1")

***WEIGHT:** 137 g (4.9 oz.) without batteries

CONFORMS TO: ISO 8502-4, BS 7079-B4, ASTM D3276, IMO PSPC, SSPC-PA7, and US Navy NSI 009-32

*Size and weight are for the PosiTector gage body only and do not include the probe.