DeFelsko®
Inspection Instruments

Order Code		Description
☑	DPMA1	PosiTector Standard with DPM A Probe
☐	DPMA3	PosiTector Advanced with DPM A Probe

PosiTector® DPM
Dew Point Meter

Compare PosiTector Gage Bodies

Features	Standard	Advanced
Large 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
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 A1
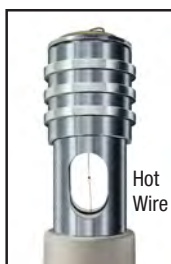
Hot Wire

Removable Integral Probe with Wind Speed Sensor	Probe Model DPM A	
	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

DPM A Probe includes:
- Ambient temperature, surface temperature, and humidity sensors from PosiTector DPM Integral Probe plus a hot wire anemometer
- Choice of wind speed measurement units—m/s, km/h, mph, ft/s, ft/m, knots

https

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All Gages Feature...

✓ Simple

- All readings are constantly updated and displayed simultaneously
- No need to consult complex tables or use a slide rule calculator
- Alarms indicate when climate conditions are unsuitable for painting
- Large 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation
- On-gage help explains menu items at the touch of a button
- RESET feature instantly restores factory settings

Durable

- Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- 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 showing traceability to NIST included (Long Form)
- Conforms to national and international standards including ISO and ASTM

Versatile

- Auto Log mode records environmental parameters at user selected time intervals
- Celsius/Fahrenheit switchable
- Selectable display languages
- Auto rotating display with Flip Lock

Powerful

- Hold function freezes the display allowing measurements to be manually recorded
- Screen Capture—save 100 screen images for record keeping and review
- Instant-on feature quickly powers up the gage if recently powered down
- Up to 30% longer battery life
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- Software updates via web keep your gage current
- Every stored measurement is date and time stamped
- Includes PosiSoft suite of software for viewing and reporting data (see page 3)

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%
Dew Point	−60° to 80°C	± 3° C*	0.1° C
	−76° to 175° F	± 5.4° F*	0.1° F

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

Award Winning Compatibility!

PosiTector body accepts all PosiTector *DPM, 6000, 200, IRT, RTR, SPG, SST, SHD, BHI, GLS,* and *UTG* probes easily converting from a coating thickness gage to a dew point meter, surface profile gage, soluble salt tester, hardness tester, gloss meter, or ultrasonic wall thickness gage.

Comes complete with PosiTector gage body, DPM probe, environmental sensors, protective rubber holster, wrist strap, 3 AAA batteries, instructions, hard case (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.

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