

# PosiTector<sup>®</sup> CMM IS

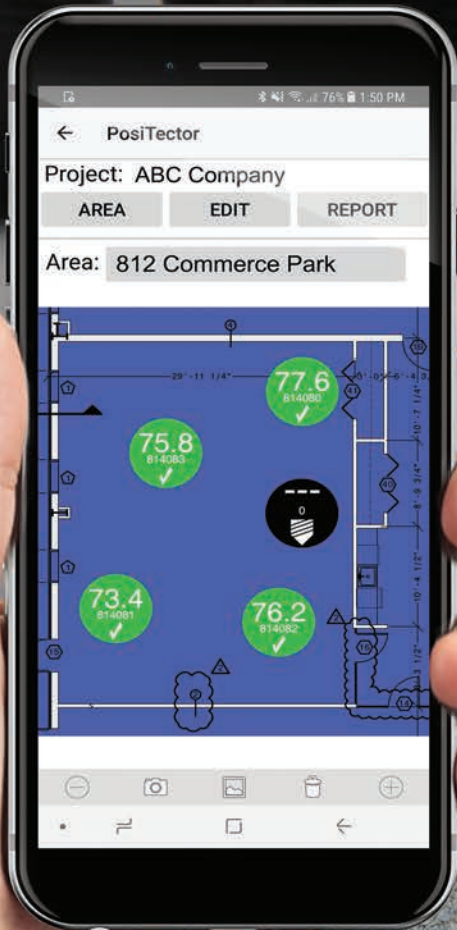
Concrete Moisture Meter - In Situ

Measures Relative Humidity and Temperature in Concrete Floor Slabs

Conforms to

ASTM F2170

Standard Test Method  
for Determining Relative  
Humidity in Concrete Floor  
Slabs using in situ Probes.



Wirelessly connects to the  
PosiTector App (iOS/Android)  
and PosiTector DPM Advanced  
models via  Bluetooth<sup>®</sup>

Reusable  
Smart Probes



**DeFelsko<sup>®</sup>**  
The Measure of Quality



Available on the  
App Store



 Bluetooth<sup>®</sup>

# PosiTector<sup>®</sup> CMM IS

## Concrete Moisture Meter – In Situ

The PosiTector CMM IS probes and free mobile app guide users through the ASTM F2170 documentation criteria. View and record readings directly with your smart device or PosiTector DPM Advanced gage.

### Simple

- Easily collect and report measurements in conformance with ASTM F2170
- No need to open the hole or remove the cap to take a measurement. Probes remain powered on and broadcasting via Bluetooth while in situ for up to three weeks.
- Combined sleeve and probe design simplifies the installation process and does not require consumables
- Uses common coin cell batteries

### Durable

- Reusable Smart Probes
- Solvent, acid, oil, water and dust resistant—weatherproof
- Two year warranty

### Accurate

- Fast response precision sensors provide accurate, repeatable readings
- Cal Check function automatically determines whether a probe is reading within tolerance
- Long Form Certificate of Calibration showing traceability to NIST included with every probe
- Conforms to national and international standards including ISO and ASTM

### Powerful

- Fast acclimation, reduced testing time
- Blue LED confirms the probe is powered on and broadcasting
- Includes free PosiTector mobile app for analyzing and reporting data



### Calibration Check Chamber and Saturated Salt Solution

- Designed in accordance with ASTM E104 to maintain a constant relative humidity of 75% @ 25° C
- Store and protect the probes in the dedicated Calibration Check Chamber and Saturated Salt Solution when not in use
- Conditions the sensors for faster acclimation

Specifications	Range	Accuracy	Resolution
Temperature	0° to 80° C	± 0.5° C	0.1° C
	32° to 175° F	± 1° F	0.1° F
Humidity	10 to 90%	± 2%*	0.1%
	> 90%	± 3%*	

\* 0 – 65° C (32 – 150° F)

For use with the **PosiTector App** and the **PosiTector DPM Advanced**



### PosiTector App

An easy-to-use mobile app (iOS/Android) that wirelessly connects to your PosiTector CMM IS Smart Probes.

- Displays the relative humidity and temperature measurements from PosiTector CMM IS probes
- Record the date and time of all measurement steps in accordance with ASTM F2170
- Include a blueprint or image and overlay hole/probe locations
- Automatically generate custom, professional PDF reports with all information required by ASTM F2170

### PosiTector DPM Advanced

- Displays and records the relative humidity and temperature measurements from PosiTector CMM IS probes as well as the relative humidity and ambient temperature of the PosiTector DPM probe
- **NEW** Storage of 250,000 datasets in up to 1,000 batches
- Includes PosiSoft Suite of solutions for analyzing and reporting data

*\*PosiTector DPM Advanced model included with the Pro Kit*



### Options

**Expansion Packs** (1, 4, and 16 packs available) Add additional reusable PosiTector CMM IS Smart Probes as required. Each pack consists of a probe, calibration check chamber, saturated salt solution (NaCl), cap, 2 stackable probe extensions, and A-76/LR-44 coin cell batteries.

Replacement chambers, salt solutions, tools, caps, stackable probe extensions, and fins are available upon request



PosiTector CMM IS Pro Kit includes the PosiTector DPM Advanced

Ordering Guide	Basic Kit CMMISKITB	Complete Kit CMMISKITC	Pro Kit CMMISKITP3
<p><b>Select from 3 expandable Kits and add additional probes as required</b></p>	<ul style="list-style-type: none"> <li>• 3 CMM IS probes</li> <li>• 3 Saturated Salt Solutions</li> <li>• 3 Calibration Check Chambers</li> <li>• 3 Caps</li> <li>• 6 Stackable Probe Extensions</li> <li>• Extraction Tool</li> <li>• Tape Measure</li> </ul> <p>— — —</p> <ul style="list-style-type: none"> <li>• Ten A-76/LR-44 coin cell batteries</li> </ul> <p>— — —</p>	<ul style="list-style-type: none"> <li>• 5 CMM IS probes</li> <li>• 5 Saturated Salt Solutions</li> <li>• 5 Calibration Check Chambers</li> <li>• 5 Caps</li> <li>• 10 Stackable Probe Extensions</li> <li>• Extraction Tool</li> <li>• Tape Measure</li> <li>• Vacuum Tool Attachments</li> <li>• Ten A-76/LR-44 coin cell batteries</li> <li>• Hard shell carrying case</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PosiTector DPM3 Advanced</b></li> <li>• 5 CMM IS probes</li> <li>• 5 Saturated Salt Solutions</li> <li>• 5 Calibration Check Chambers</li> <li>• 5 Caps</li> <li>• 10 Stackable Probe Extensions</li> <li>• Extraction Tool</li> <li>• Tape Measure</li> <li>• Vacuum Tool Attachments</li> <li>• Ten A-76/LR-44 coin cell batteries</li> <li>• Hard shell carrying case</li> </ul>

Conforms to **ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using in situ Probes.**

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