

# PosiTector® *CMM IS*

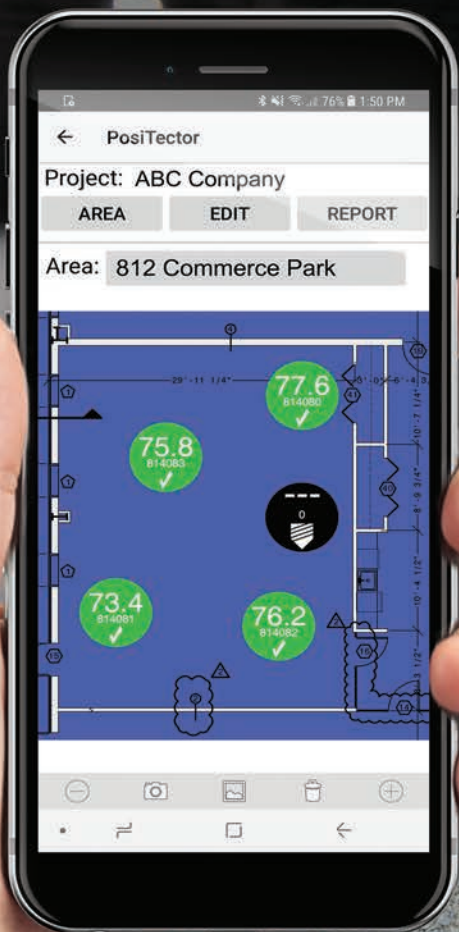
## Concrete Moisture Meter - In Situ

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®

Reusable  
Smart Probes



**DeFelsko®**  
The Measure of Quality



Available on the  
App Store



Bluetooth®

# 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
<b>Select from 3 expandable Kits and add additional probes as required</b>	<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>	<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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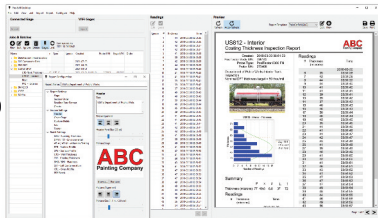
# PosiSoft® Suite of Software

Powerful ways to view and report your PosiTector and PosiTest data

## PosiSoft Desktop — PC/Mac

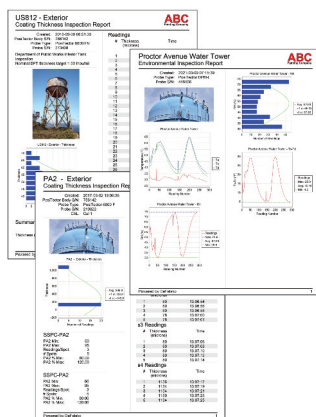
Powerful desktop software for downloading, archiving, and reporting measurement data.

- Import readings directly from the gage via USB, WiFi, or legacy PosiSoft Desktop versions
- **Jobs feature** consolidates batches into groups to keep measurement data organized and to quickly create multi-batch reports
- Fully integrates with PosiSoft.net—backup and synchronize jobs, batches, readings, and report templates to the cloud (see inset at right)
- Export readings as .csv (comma separated value) files for easy import into Excel and other spreadsheets



## Professional, Custom Reports

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more with an onscreen live preview
- Instantly create professional reports from pre-formatted report templates
- Design custom layouts and templates—add custom cover pages and logos, and choose to display charts, histograms, and/or individual readings
- Drag-and-drop Custom Fields mode—import PDF forms and overlay fields to automatically populate inspection data

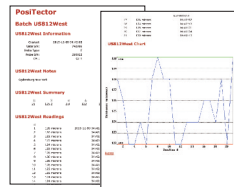


## Prompted Batch Mode

Create pre-defined batches with onscreen text and image prompts for each reading and upload to PosiTector 6000, 200, and UTG gages (*Advanced models only*).

- Ideal for ensuring a consistent measurement pattern for repetitive jobs or when specific measurement locations are required

## PosiSoft USB Drive — Gage based

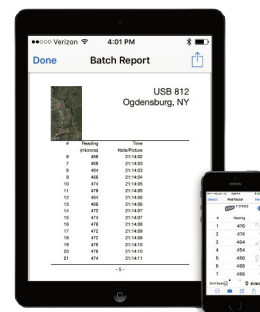


A simple gage interface to retrieve data in a manner similar to USB flash drives or cameras. No software to install or internet connection required. Measurement data can be printed quickly from a formatted HTML report or exported in .csv format for further analysis in spreadsheets.

## PosiTector App — iOS/Android

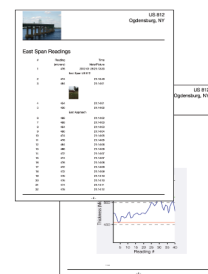
Fully-featured mobile app that connects to the PosiTector SmartLink, PosiTector Advanced gages, and the PosiTest AT-A.

- Auto pairing Bluetooth BLE connection
- Add images and notes to individual readings or batches directly from your device
- Email readings as .csv (comma separated value) files for easy import to Excel and other spreadsheets.
- Synchronize readings with PosiSoft.net—backup and synchronize jobs, batches, and readings to the cloud (see inset below)



## Mobile Reporting Solution

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more
- Email pre-formatted or custom reports from your device instantly



## PosiSoft.net

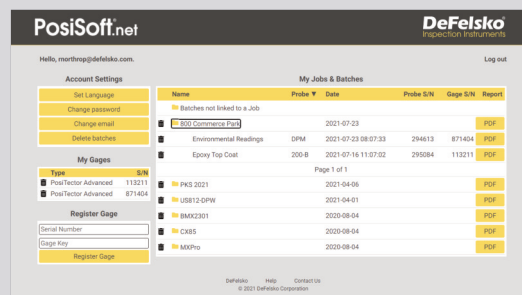
Secure storage of measurement data in the cloud.

compatible with **PosiSoft Desktop** and **PosiTector App**

- Upload measurement data directly from WiFi-connected PosiTector Advanced gages from anywhere in the world—no software required
- Synchronize and share measurement data across multiple computers

### Ideal for...

- Users with multiple computers, instruments, and office locations
- Inspection companies managing data from multiple inspectors
- Login from PosiSoft Desktop to synchronize all measurement data and stored report templates from your account



**PosiSoft.net Web Viewer** Review measurement data and print simple, pre-formatted PDF reports from any web browser—no software installation required.

## PosiTector Developer Resources

•Bluetooth 4.0 •WiFi •Keyboard Mode •USB Serial

PosiTector and PosiTest AT-A instruments can integrate with third-party software, drones, ROVs, PLCs, and robotic devices using several industry-standard communication protocols including: Bluetooth 4.0, WiFi, Keyboard mode, and USB serial.



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