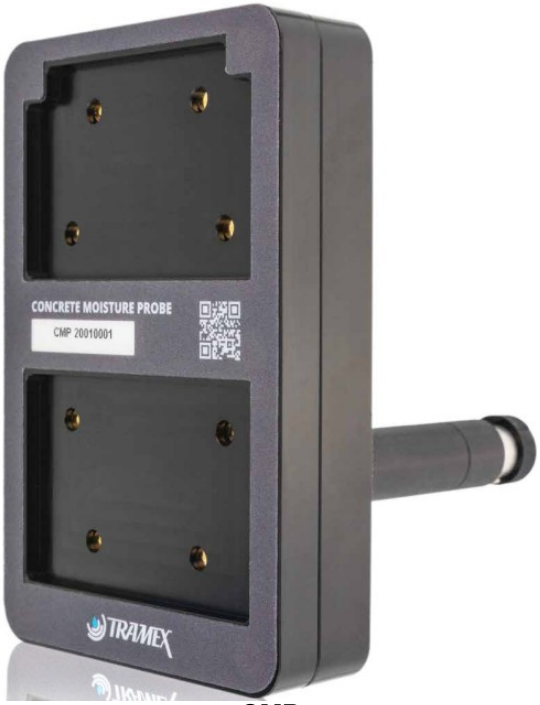
TRAMEX CMP Concrete Moisture Probe Determinator User Guide

CONCRETE
MOISTURE PROBE
'THE DETERMINATOR'



– CMP –
QUICK START GUIDE

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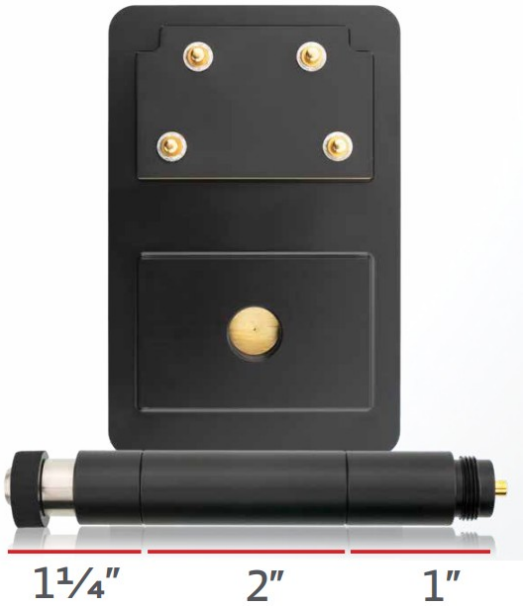
GENERAL

- The Determinator and CME5, CMEX5 (or older Tramex Concrete Meters CME4 and CMEX2) allow for a unified gravimetric-based testing method of moisture content (%MC) both on the surface and within the body of the concrete.
- %MC readings for both the in-situ and the non-destructive surface tests eliminate confusion between different testing method data.
- The Determinator conductive probes are reusable, extendable, and require no plastic hole liners.
- The hole diameter required (¾", 19mm) is the same for the Hygro-i2 RH test as per F2170.

ASSEMBLY

- The Concrete Moisture Probe consists of a cradle, a probe tip and two extension segments.
- Choose to use the extension segment(s), or not, depending on the depth of the slab. The probe should be inserted to approximately 40% of the depth of the slab.



OPERATION

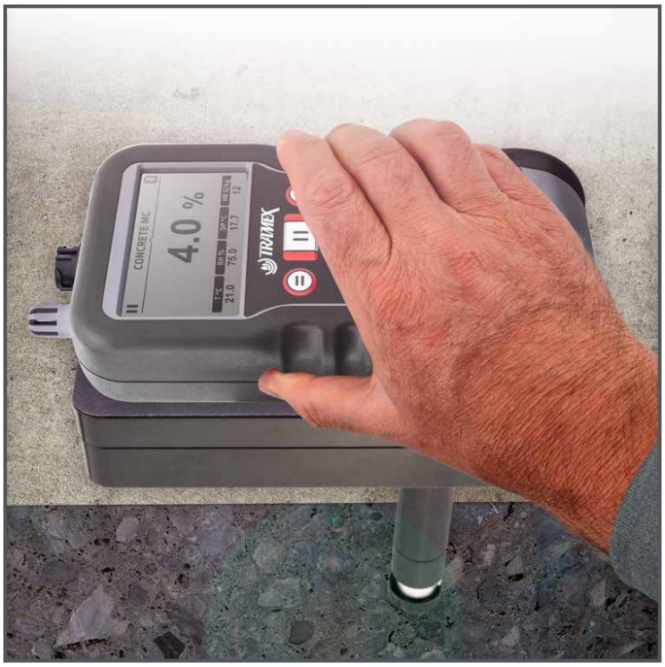
Probe Testing:

- Determine the approximate depth of the concrete slab.
- Connect extension segment(s) to appropriate depth:

- Concrete between 2″ to 4″ in depth shall require approximately 1 1/4″ of probe depth.
- Concrete between 4” to 6” in depth shall require approximately 2 1/4” of probe depth.
- Concrete between 6” to 9” in depth shall require approximately 3 1/4” of probe depth.
- Concrete between 9″ to 11″ in depth shall require approximately 4 1/4″ of probe depth.

  * The probe should be inserted to approximately 40% of the depth of the slab.

  * Similar to ASTM F2170 Recommendations for frequency of use: 3 Tests per 1,000 sq.ft. and 1 additional test for every additional 1,000 sq.ft. or partition thereof.
- Insert the Concrete Moisture Probe into the hole so that the cradle is flat on the surface.



OPERATION

- Place your Tramex Concrete meter into the cradle of the CMP and ensure that all of the electrode spring-loaded pins are fully compressed, both on the CMP and the CME.
- Take 4 readings by turning the Concrete Moisture Probe and CME meter from ‘12 o’clock’ to 3, 6 and 9 o’clock positions. Record the highest reading, discarding any obvious anomalies.
- Record the readings using the Tramex Meters App (when using the CME5 or CMEX5).

USER GUIDE ONLINE

- Please use the following link or QR code to access the complete User Guide online: **https://l.ead.me/bbjrrb**

Free App Available for Mobile and Tablet:

LI-CMPQSG

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Documents / Resources

	TRAMEX CMP Concrete Moisture Probe Determinator [pdf] User Guide CMP, CMP Concrete Moisture Probe Determinator, CMP Determinator, Concrete Moisture Probe Determinator, Concrete Moisture Probe, Moisture Probe, Determinator, Concrete Probe, Probe

References

- User Manual