

24 Hours: Fast Just Got Faster!

The Rapid RH product line is the fastest, most cost effective and simplest way to meet ASTM F2170, the standard for in situ relative humidity (RH) testing of concrete floor slabs.

Now, thanks to a recent update in the standard, the mandatory wait before obtaining official RH test results is only 24 hours, rather than 72 hours as required by other moisture tests.

This significant reduction in wait time allows you to take action on RH test results a full two days earlier than the ASTM F2170 standard previously allowed. Since time is money, this additional 48-hour time savings is something you can take to the bank. No other industry-accepted test method for concrete moisture offers such fast results, and certainly none are more reliable or accurate than the RH test.



Online Resources

Take advantage of these sources to stay up to date with the best knowledge and practices.



Scan to access these resources online or visit rapidrh.com

✓ Articles/Videos

The Rapid RH web page features links to articles written by industry experts, as well as access to the Rapid RH Newsletter, Q&A, and much more. Our comprehensive video library includes a Rapid RH installation demonstration and training videos by Howard Kanare, a nationally recognized expert specializing in the interaction of concrete floors and flooring systems.

✓ Product/Technical Information

Access additional technical information about the latest in moisture testing for concrete.

✓ FAQs

Check out our FAQ reference online or call us if you have additional questions.

✓ Social Media

Join the discussion with installers, inspectors, and industry leaders on our **Facebook**, **YouTube**, **Instagram**, **Twitter**, and **LinkedIn**.

✓ Industry Apps

Get the free DataMaster™ L6 app for convenient Read, Record, and Report features that make concrete moisture testing easier than ever. Download the RHSpec app and get specifications from more than 120 flooring manufacturers at your fingertips.

For more resources
visit www.RapidRH.com or call
worldwide toll-free: (844) 296-9656



U.S. Patent 7231815, 8047056 & 9,032,791 Additional Patents Pending

502-R0004-002 REV. NC



FEATURING Touch-n-Sense™ TECHNOLOGY

Rapid RH® L6 features our patented **Touch-n-Sense™** technology. Simply insert the Total Reader into any test hole with a Rapid RH L6 Smart Sensor installed, and the two interact on contact. Once the reading has been taken, the number on the Total Reader will continue to display for 1 minute after being removed from the test hole, simplifying the testing and recording process at the jobsite.

*It's fast, it's accurate, and
it's never been easier.*

Complete Moisture Test Starter Kit+ with Rapid RH® L6

Everything you need to conduct Rapid RH L6 tests plus two Smart Logger™ temperature and relative humidity data loggers to monitor and record ambient job site conditions.

INCLUDES:

- (5) Rapid RH L6 Smart Sensors
- Total Reader
- 3/4" SDS Masonry Drill Bit
- Wire Cleaning Brush
- Vacuum Attachment
- Insertion Tool
- Carrying Case
- (2) Smart Loggers



CLEARLY Superior

Now more than EVER!

✓ Simplest F2170 Test

The Rapid RH method is simple and quick. Just insert the Rapid RH Total Reader into an installed L6 Smart Sensor and get a reading instantly with Touch-n-Sense™ technology. On contact with any L6 Smart Sensor, the Total Reader powers up, takes a reading, and holds the reading for up to 1 minute after it is removed from the Smart Sensor, then powers down – all automatically!

✓ Improved Responsiveness in High RH

The Rapid RH L6 concrete moisture testing system features advanced technology that provides relative humidity readings with unparalleled accuracy even into the 90%-100% relative humidity range.

✓ Integrated Data Storage

When paperwork may not be the most reliable option, the Rapid RH L6 system and DataMaster™ L6 app lets you collect, transfer, store, and report concrete moisture readings with tamper-resistant technology that ensures data integrity from collection to distribution. Each Rapid RH L6 Smart Sensor is NIST*-traceable and comes with documentation to comply with ASTM F2170 requirements.

✓ Lowest Cost/Test

Time is money and the easy to use Rapid RH L6 concrete moisture test system saves you a lot of time compared to other test methods. Cut your labor costs and project time with the quick and easy installation of the Rapid RH test probes and get faster, more accurate readings.

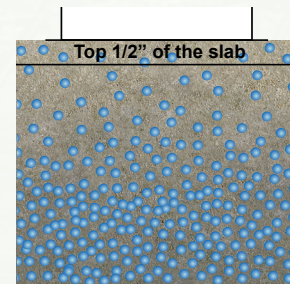
**With the Wagner Rapid RH®, you get
accuracy and peace-of-mind.**

*National Institute of Standards and Technology

Why It Is Crucial to Measure the Moisture Below the Surface of the Slab

Limits of Calcium Chloride Testing

The calcium chloride test measures the moisture vapor emission rate coming from a concrete slab. However, 90% of moisture vapor emissions that a calcium chloride test sees comes only from the top half-inch of the slab. Once a floor covering has been installed and drying has stopped, the slab will equilibrate and evenly distribute the moisture from top to bottom.



Calcium chloride is, therefore, only a surface test, highly affected by ambient conditions in the room or building. Even if done correctly, a calcium chloride test tells you nothing about what's going on deeper in the slab.

Moisture Meters Are Shallow at Best

As with calcium chloride tests, testing with concrete moisture meters is also surface-biased. At best, they only measure 3/4" into the depth of the concrete.

In addition, concrete moisture meter accuracy is negatively affected by the density variability of the concrete as well as the varying chemical and aggregate composition.

There is no ASTM standard for using moisture meters as a final determination of whether a concrete slab is ready for a floor covering.

Moisture meters should NEVER be used to make the final determination as to whether or not a concrete slab is dry enough for a flooring installation.

