



VALUE ADDED
TECHNOLOGY

CONCRETE REAL-TIME MOBILE AIR AND VOLUME-IN-THE-DRUM MEASUREMENT FOR THE READY MIX INDUSTRY.

- Hydraulic Pressure for Slump Correlation
- Eliminates Lost Loads and Tear-Outs
- Reliable, Consistent Measurement
- Easy Installation and Start-Up
- Enables Standard Deviation Reduction



REAL-TIME CONCRETE QUALITY MEASUREMENT, FROM BATCH PLANT TO JOB SITE.

THE SMARThatch™ MOBILE SYSTEM IS INSTALLED ON THE TRUCK MIXING DRUM PROVIDING CONTINUOUS AIR AND TEMPERATURE MEASUREMENT FROM BATCH PLANT TO JOB SITE.

SYSTEM INCLUDES

- Air % by Volume
- Volume-in-the-Drum
- Temperature
- Revolution Counter
- Hydraulic Pressure for Slump Correlation
- Truck Cab Display
- Cellular Telematics Module
- Web-Based Dashboard
- Historical Data

FINANCIAL AND OPERATIONAL BENEFITS

- Reduce rejected loads
- Reduce remediation expense
- Reduce time, labor and variability related to manual testing
- Knowing actual volume, time and temperature enables optimal repurposing of concrete
- Provide continuous measurement of entire load vs. small sample size of traditional manual test
- Deliver real-time concrete air and temperature measurement from batch plant to job site
- Measure your air before discharging – no waiting
- Expand your quality control coverage
- Alert key personnel to out-of-specification concrete
- Provide visibility of adherence to standard operating procedures (e.g. mixing time and drum speed)
- Designed for reliable performance
- Install easily on any truck drum style
- Optimize yield estimates and control



“The ability to constantly monitor air entrainment and concrete temperature in ‘real-time’ is a huge asset to QC personnel and aids in the preliminary dosing of admixtures based on constant data collection.”

– Ready Mix QC Manager

CONTACT CIDRA

To speak with an applications engineer about CIDRA's SMARThatch™ Systems or other CIDRA industrial process measurement solutions, call +1.203.265.0035 or visit our web site at www.cidra.com.

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Concrete Systems

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