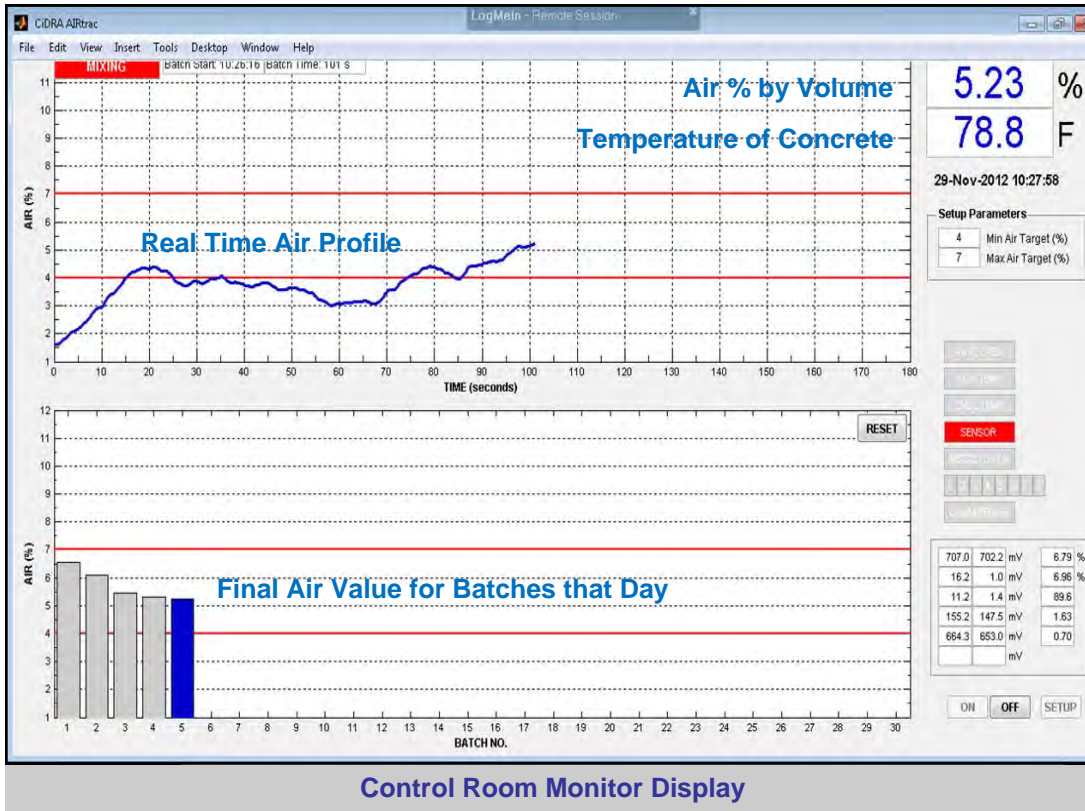


AIRtrac™ Process Monitoring Service



AIRtrac Installed on Pan Mixer



Electronics Box

CiDRA's AIRtrac™ Process Monitoring Service offers a proprietary, innovative, turnkey solution for real-time air measurement during the concrete mixing process. The system is designed for use in all stationary-wall mixers, such as pan, twin-shaft, or turbine mixers. The AIRtrac solution provides real-time information that allows the operator to take action (air increase or decrease) before the batch is dumped from the mixer, ensuring the mix will always be within specification. Producers now have “eyes into the process” — something that was not previously possible. This unique technology allows producers to better understand and optimize mixing time, batch sequencing, and mix design. The Quality Control (QC) and Production Managers now have air-measurement records for every batch of concrete produced. The AIRtrac system improves concrete quality and consistency and reduces the cost of production.

CiDRA AIRtrac™ moves critical entrained-air measurement upstream in the process.

CiDRA is a pioneer in the area of real-time entrained-air measurement in slurries. AIRtrac is the first and only solution to supply air and related process information during the concrete mixing process. The current pressure-pot method only provides for post-pour measurement, when it is not possible to take action and correct a batch that is out of specification. Air is a critical ingredient for optimum performance of concrete, and it can be used to improve the long-term durability of concrete exposed to water and de-ice chemicals in a freeze/thaw environment. AIRtrac technology brings a truly unique capability that is extremely beneficial to the concrete industry.

Service includes:

- Air and Temperature Real-Time Data
- Mix Time Optimization
- “When to Dump” Insight
- Complete Hardware and Software Warranty
- Reporting Software Upgrades
- Commissioning / Service Training / Site Support and Phone Support
- Pressure Pot Correlation

AIRtrac™ Process Monitoring Service



Financial Benefits

- Reduces Cost Structure and Improves Competitiveness by Optimizing Air Content
- Eliminates Waste due to Out-of-Spec Air Content
 - Real-time Data in Mixer Allows Adjustment Before Being Dumped
 - All Batches Delivered to Form Within Air Specification
- Produces Better Yield Estimates
- Reduces Time and Labor Related to Pressure-Pot Testing
- Avoids Costly Claims by Eliminating Quality Issues and Providing a Record of Air Content for Every Batch of Concrete Produced

Operational Benefits

- No Calibration Required
- Works on All Types of Wetted Concrete, from low slump to SCC
- Includes Temperature Measurement
- Enhanced Quality Control - Consistent Concrete Production
- Mix Design Optimization
- Full Visibility into Effects of Mixing Time, Batch Sequencing, and Mix Design on air content
- Peace of Mind that All Batches are Monitored and Recorded

Contact CiDRA

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