

Instrument Calibration & Maintenance System

Enhanced Laboratory Equipment Management

Cement laboratories utilize a significant amount of equipment ranging from glassware to electronic balances and X-ray spectrometers. Maintaining information about the suppliers, and maintenance and calibration of these items is a tedious and time-consuming task. Most instruments require regular calibration; as well, standards organizations often require the maintenance of instrument logs.

The Instrument Calibration and Maintenance System (ICMS) helps with the complex task of managing laboratory equipment by providing a central data repository; tracking each instrument, solution, or other type of equipment. ICMS in a single application keeps information such as:

- ↻ Equipment location
- ↻ Maintenance and calibration instructions
- ↻ Calibration schedule and history
- ↻ Supplier contact information
- ↻ Analyst responsible for calibration
- ↻ Solution preparation guides
- ↻ Calibration documentation

When coupled with Process Solutions' Laboratory Data Management System (LDMS), ICMS enables additional benefits to your lab. Conversions and calibration coefficients are automatically brought into LDMS for use in calculations. Analysts also receive warning messages before an instrument requires calibration and may be restricted from using un-calibrated instruments. When coupled with Process Solutions' Analyst Certification (ACS), ICMS will ensure that analysts are trained in appropriate procedures before they are allowed to calibrate or validate instruments.

As a stand-alone application, or a module in our lab data system, ICMS reduces documentation workload.

Customer Assurance and Support

We work with you to design and/or customize your solution, and to install, implement and maintain the necessary hardware and software. Our Customer Care group can install on-site and provide full-time Help Desk support.

Most importantly, we aim to establish client partnerships for the long term. We develop on-going working relationships that will enable you to get the most from your existing solution(s), and at the same time help us to further develop our portfolio by understanding and satisfying your needs. We are continually updating and improving our core technologies. Relying on user feedback makes our software better suited to the cement industry, and all of our software is tailored to your individual requirements.

For More Information

As either a stand-alone application or integrated with LDMS, the Instrument Calibration and Maintenance System helps to maintain vital information about laboratory equipment.

Instrument	Instrument Type	Manufacturer	Model	Location	Next Calibration Date	Last Calibration Date
61	CDTS Storage Shelf	Ohaus		Storage Room	18-Oct-2010	21-Jun-2010
62	CDTS Storage Shelf	Ohaus		Storage Room	28-Oct-2009	
71 Moist	ISO Moist	PotLab	20-0794	Cement Lab	01-Sep-2010	01-Mar-2010
71µm Sieve 1	71µm Sieve			Chemical Lab	12-Jun-2007	12-Jun-2007
71µm Sieve 2	71µm Sieve			Chemical Lab	28-Aug-2007	28-Aug-2007
71µm Sieve 3	71µm Sieve			Chemical Lab	28-Aug-2007	28-Aug-2007
71µm Sieve 4	71µm Sieve			Chemical Lab	28-Aug-2007	28-Aug-2007
71µm Sieve 5	71µm Sieve			Chemical Lab	28-Aug-2007	28-Aug-2007
753A Moist	ISO Moist	Toni Technik	20-0794	Cement Lab	18-Oct-2010	20-Apr-2010
761A Moist	ISO Moist	PotLab	20-0794	Cement Lab	29-Nov-2010	01-Jun-2010
761B Moist	ISO Moist	Toni Technik	20-0794	Cement Lab	20-Sep-2010	23-Mar-2010
767A Moist	ISO Moist	Toni Technik	20-0794	Cement Lab	18-Oct-2010	20-Apr-2010

If you would like to discuss an instrument calibration solution with us, please contact our Quality & Environmental Solutions Manager:

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* Process Solutions Canada Limited Windows applications are tested with current versions of Windows at time of release; however, we do not guarantee full functional compatibility with all Windows versions.

