GE Infrastructure Sensing

Intecal for Industry

Calibration Software for Portable Calibrators

- Windows based software
- Maintenance scheduling utility
- Calibration certificates including custom logo
- Compatible with FCINTF hardware drivers
- Stores instrument details, procedures, results

Intecal is a new calibration management software platform developed to maintain & control a calibration environment to the highest standards of metrology. The Intecal for Industry package has been adapted for the process industry especially where portable calibrators are used to validate plant instrumentation.

Free download of fully functioning 25 tag version at www.ge-intecal.com









Intecal for Industry is an easy to use calibration management software application for generating calibration procedures, scheduling work and documenting results. It has been developed to help meet the increasing demands of industry.

We offer the most comprehensive range of pressure and temperature test and calibration equipment; when used with Intecal for Industry significant cost savings can be realized by:

- Increasing calibration/maintenance productivity
- Optimizing product quality
- Minimizing production costs
- Reducing the burden of ISO9000, etc
- Reducing documentation time and errors

Database Architecture

Intecal for Industry uses the popular explorer tree structure to view nested locations. This philosophy is simple to learn and enables plant areas and process instrumentation to be organized and managed effectively.

System Security

To prevent unauthorized editing of data, Intecal for Industry utilizes a 2 tier 🐅 Intecal-F password protected security File Edit Security Tools View system. Database management 😪 <table-cell-rows> 🖓 🔽 User is exclusive to the supervisor, while the user is permitted to create work orders and transfer data between PC and Field Calibrators.

Employee Manager

Authorized employees are issued with a User ID, this embodies their unique e-signature that is used to invoke calibration procedures and save result files. The employee name is automatically populated on the Calibration Report.

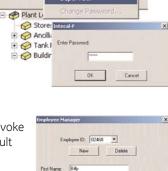
Instrument Records

The 'function' pane is the direct portal to the device database containing the following:

Manufacturer, model number and serial number of the instrument, the input and output range data and calibration pass/fail Function criteria. 0

Generic test procedures giving Quality uniformity and work orders to assist resource planning.

Archived calibration history and reports, including as found/as left data complete with graphs.



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Intecal for Industry Software System

Intecal for Industry provides all the features for efficient calibration management:

- Simple to use
- Supports Tag numbers and Asset numbers
- Compatible with Druck field calibrators and 3rd party calibrators using FCINTF
- Manual data entry
- Time based calibration scheduling
- Historical records
- Export types .pdf, .doc, and .xls.
- Supports simple multi-user environments
- Multi-language version available
- Comprehensive on-line help

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Time Based Schedule

A time based search engine quickly identifies devices due or overdue for calibration. This simple but powerful resource management tool helps plan routine calibration and outage maintenance.

Field Calibration

Our portable documenting calibrators and 3rd party calibrators using the FCINTF protocol can be programmed with object lists and test procedures. In the field these routines will prompt the technician as to the settings and automatically record the results, promoting uniformity and eliminating human errors.



Calibrators and test equipment without serial communications, for example, deadweight testers, are supported with a manual data entry facility. Calibration results are entered as the test proceeds or alternatively

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results recorded from field calibrators can be entered later. This feature provides total compatibility with existing equipment and allows the full benefits of automated calibration to be realized at a later date as older equipment is replaced by documenting calibrators.

Calibration Reports

The calibration certificates can be printed or exported in a clear logical format that complies with the requirements of quality approvals such as ISO9000. As Found and As Left results are detailed in numerical and graphical form including Pass/Fail status and important information about the device calibrated, the calibrator used and the technician.

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Intecal for Industry

Calibration Standards

Our instruments are calibrated with precision equipment traceable to international standards

Related Products

Portable field calibrators

We manufacture a wide range of portable pressure, temperature and electrical field calibrators. A selection of these are shown below.





We also manufacture a wide range of pressure indicators and controllers. This includes industrial deadweight testers, high precision controllers and primary standard piston gauges.

Pressure Transducers and transmitters

An extensive range of pressure transducers and transmitters are available, including the RTX and Smart/Hart® STX process pressure transmitters.

Intecal for Industry System Requirements

OS Windows 98SE, 2000, ME, NT4 and XP

CPU Intel 486, 66MHz or greater (Pentium recommended)

Memory 16Mbyte or greater (32Mbyte recommended) Hard Disc Space:

CD Install: 20Mbyte for Installation, then 10MByte for expanding database. Download: Same as for CD plus 15Mbyte for temporary install files.

Ordering Information

Please state the following:

1. Intecal for Industry (S781-013)

2. Language, please confirm with factory representative for availability.

Supplied as CD ROM, Internet access required for Installation key.

Continuing development sometimes necessitates specification changes without notice.

imagination at work







Related Products

DPI 605 High Precision Portable Pressure Calibrator

- 0.025% Rdg accuracy
- 300 psi pneumatic pressure source
- External ranges to 10,000 psi
- RS 232 interface
- Barometric reference

MCX II High Precision Multifunction Calibrator

- T/C's, RTD's, mA, mV/V, ohms, frequency
- Pressure to 5000 psi
- Switch testing
- PCMCIA card and RS 232
- Smart HART[®] communicator

DPI 615 Series Portable Pressure Calibrators

- Low pressure differential version
- 300 psi pneumatic source
- 0.025% F.S. accuracy
- RS 232 interface

TRX II Portable Multifuntion Calibrator

- T/C's, RTD's, mA, mV/V, ohms, frequency
- Pressure to 10,000 psi
- Switch testing
- PCMCIA card and RS 232
- Smart HART[®] communicator

DPI 325 Series High Pressure Pneumatic Calibrator

- 0.025% FS accuracy
- Generates pneumatic pressures to 3000 psi
- Self contained rechargeable gas cylinder
- RS 232 interface
- Up to 11 sensors per instrument
- Dual channel readout: pressure and electrical

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