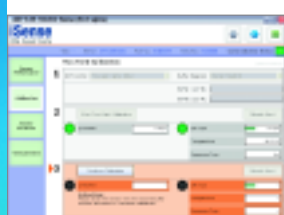# iSense ISM Asset Suite
Maximum Performance of ISM® Sensors

Key performance table

When connecting the sensor on the PC, the actual sensor status is read directly from the sensor.

Easy calibration procedure

Simply connect the ISM® sensor to the PC via USB port and perform an accurate calibration.

Intelligent calibration

Use the calibration results to perform an in-depth analysis of each sensor.

Comprehensive database

All sensors operations are recorded in the SQL database and can be exported for further trend analysis.

Field calibration protocols

When a sensor has been calibrated in the field using a transmitter, the calibration database can be manually added to the iSense database.

iSense buffer tables

Every calibration is accurately documented to comply with internal procedures.

Error free handling

Sensor specific calibration routines with monitoring of the sens or signal during calibration ensure error-free handling.

iSense
ISM Asset Suite

Run your ISM® sensors with maximum performance over the entire life cycle

The iSense ISM® (Intelligent Sensor Management) Asset Suite offers a unique means to optimize the performance of pH and amperometrical as well as optical oxygen sensors for enhanced reliability and process safety.
Simply connect your ISM sensor via USB port to your PC and get access to various intuitive analysis, calibration and documentation applications.
Pre-calibrate your ISM sensor with the accuracy of lab conditions and assess the sensor state with real-time diagnostic information (Decide instantly whether to re-use or discard a sensor with the real-time sensor information).
Calibration information is collected, managed and analyzed efficiently and documented consistently to satisfy regulatory requirements.

METTLER TOLEDO

Specifications iSense Asset Suite

Performance

Measurement parameter	pH:	all digital ISM sensors
	Amp. oxygen:	all digital ISM sensors
	Optical oxygen:	all sensors
pH calibration		2-point, 3-point
DO calibration for amp. sensors		1-point
O_2 gas calibration for amp. sensors		1-point
DO calibration for optical sensors		1-point, 2-point
Sensor field calibration dataset		Yes
Sensor database		Yes
Database backup		Yes
Key performance indicators (KPI)		Yes

PC requirements

Processor	Intel Pentium IV or higher, 32 bit
RAM	Min. 1 GB
Screen resolution	1024 × 768 or higher
Hard disc	Min. 100 MB available space
Interface	2 × USB
Operating system	MS-Windows XP, Vista

Transmitters M420, M400, M700

Sensors InPro® 6900 i, InPro® 3253 i, InPro® 2000 i

ISM Digital ISM – stay ahead of your maintenance tasks

The ISM technology (Intelligent Sensor Management®), a new breakthrough technology from METTLER TOLEDO, allows users of process analytical equipment to significantly reduce the maintenance costs of loops, while increasing the safety of the production process.

Sensors equipped with ISM are continuously monitored for defects and wear, and anticipating failure before it happens. Whereas conventional sensors need careful and time-consuming calibration in the field, sensor replacement with ISM sensors pre-calibrated with iSense takes place in seconds.

- An ISM measurement loop is more reliable and generates less maintenance costs than a conventional equivalent loop.
- Predictive maintenance is easy with the adaptive calibration timer that calculates the time to the next calibration.
- Moreover, ISM enables electronic documentation of the sensor operation, reducing errors and time-consuming paperwork.
- The fully digital and low-impedance signal transmission secures a trouble-free, humidity-insensitive communication.
- Broad portfolio of high-performance pH and DO sensors available.
- Seamless integration into a process control system with PROFIBUS® and FOUNDATION® fieldbus digital communication.

www.mt.com/pro

Visit for more information