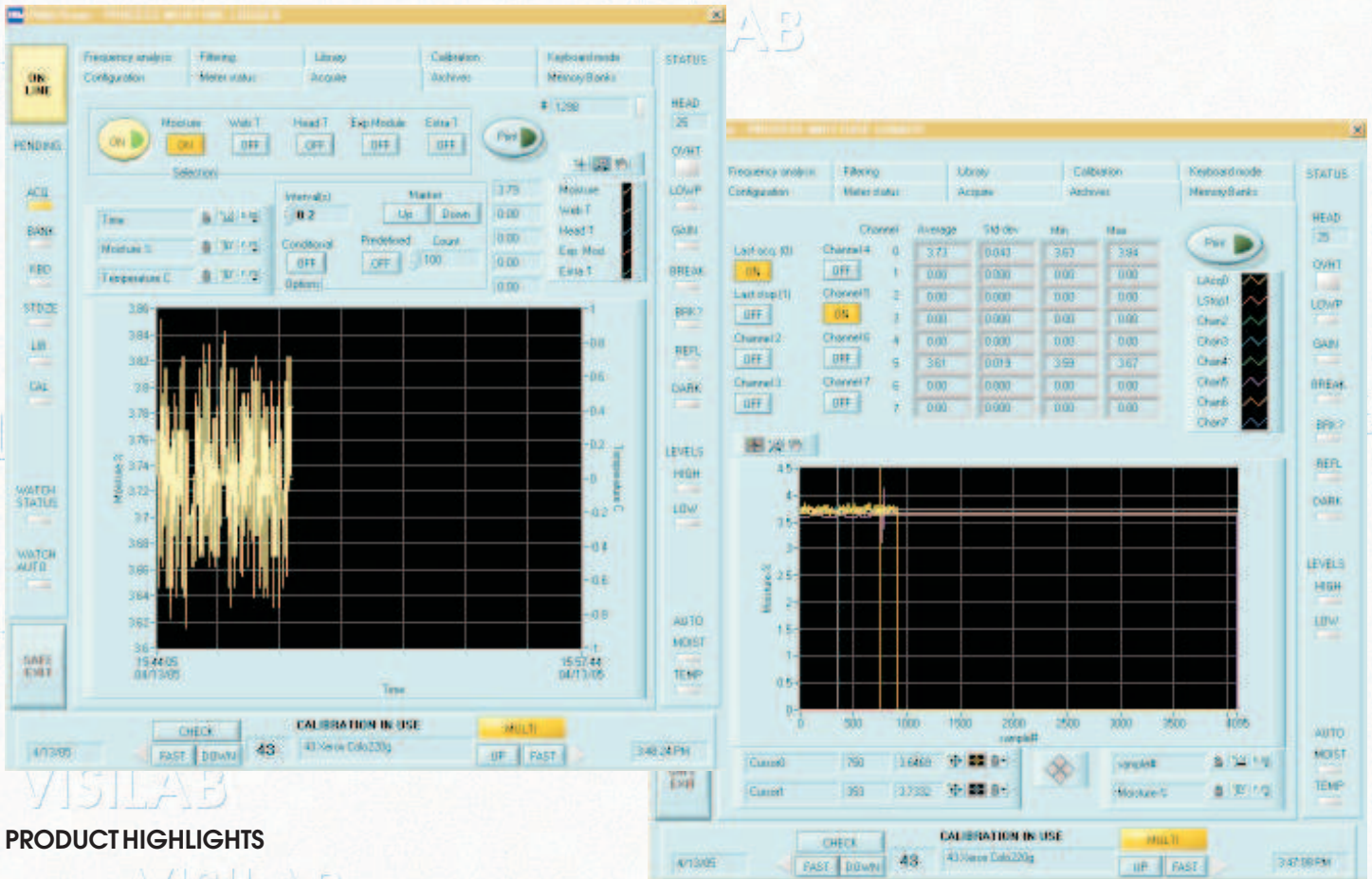


# DATA LOGGING SOFTWARE FOR PROCESS MOISTURE METERS

The **AK30**, **AK30Mini** and **IRMA7Basic** software represent latest software technology. They apply smart multitasking and signal processing to obtain the maximum amount of useful data out of your **AK30** and **IRMA-7** moisture meters.



## PRODUCT HIGHLIGHTS

- ▶ data logging software using the PC's asynchronous serial port and the **IRMA7** packet protocol
- ▶ acquires moisture signal for further processing and archiving. Web temperature, head temperature, extra temperature and expansion module signal are available depending on model and accessories
- ▶ **IRMA7Basic** and **IRMA7Mini** programs support all **AK30** and **IRMA-7** moisture meters. **AK30** and **AK30Mini** support **AK30** meters only
- ▶ very easy to use
- ▶ multitasking program structure. Most tasks and operations can be performed at the same time
- ▶ all of moisture meter's features can be used efficiently, including the memory banks, calibration tables, autotimers and high measuring speed
- ▶ sampling interval adjustable from 0.05 s to 3600 s for trend display
- ▶ archiving of all data to spreadsheet format, also Datalog, Active-X and LVM file formats are available
- ▶ frequency analysis for current incoming data and for archived and downloaded bank data. This is a highly useful tool for finding moisture oscillations and identifying their causes
- ▶ data files can be retrieved and displayed with statistics information
- ▶ reporting to printer with high quality graphics. HTML report files can be generated.
- ▶ status indicators for meter overheating, web break and suspected break are useful for daily quality control work
- ▶ indicators for too reflective or too dark surfaces
- ▶ calibration and meter standardization routines
- ▶ can be left running for months, data is saved automatically into date-time coded files
- ▶ calibration library and single material manipulation with graphical display of each entry
- ▶ supports also the Keyboard mode in model D
- ▶ fast advanced signal processing in filtering, frequency analysis and displays
- ▶ the **IRMA7Basic** program is delivered with each meter at no cost
- ▶ the program can be later simply upgraded via internet with no cost
- ▶ now also the **IRMA7Mini** program is available with a minimized set of features
- ▶ operates in Windows 7/Vista/2000/XP and future systems
- ▶ the new high-speed serial port is supported and also Bluetooth
- ▶ user's guide in English

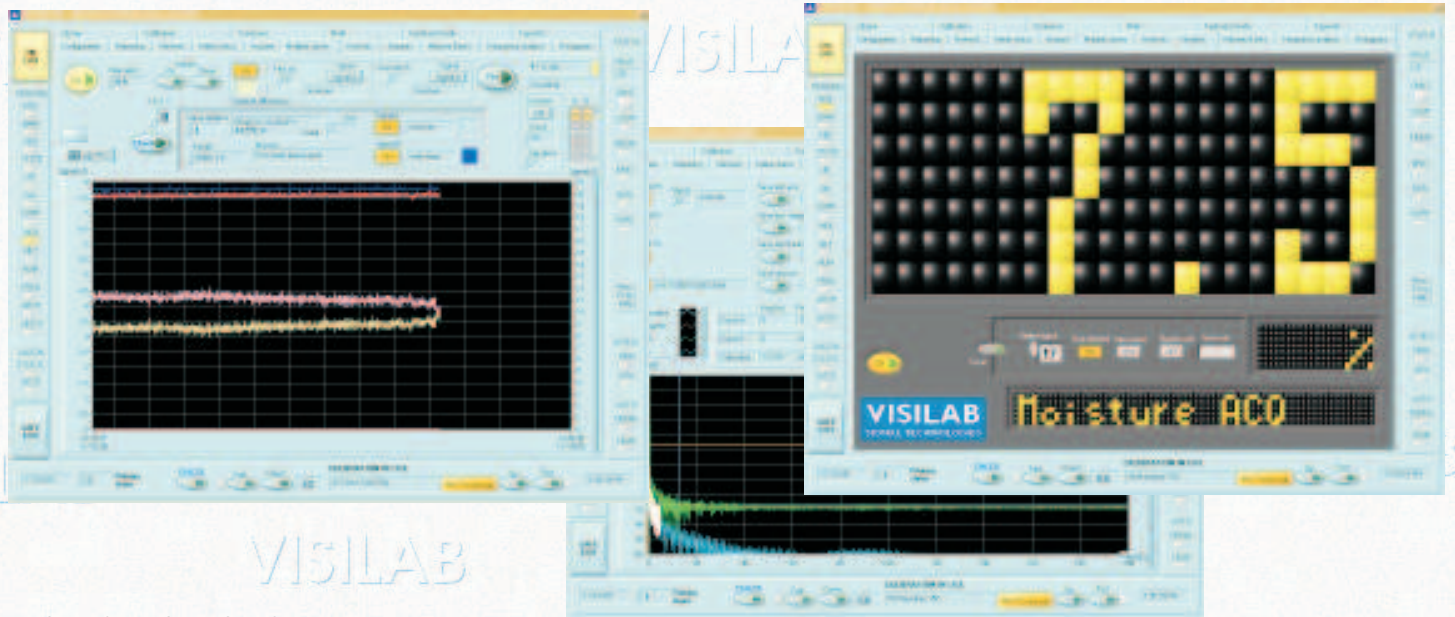
2010-38

**VISILAB**  
SIGNAL TECHNOLOGIES

**Visilab Signal Technologies Oy**  
FI-07560, Pukkila, FINLAND  
Tel. +358-45-635 4885  
www.visilab.fi  
e-mail: sales@visilab.fi

# DATA LOGGING SOFTWARE FOR PROCESS METERS

The **Advanced** software represents latest software technology. It applies smart multitasking and signal processing to obtain the maximum amount of useful data out of your **AK30** and **IRMA-7** moisture meters and of all other sensors.



## PRODUCT HIGHLIGHTS

- ▶ data logging software using the PC's asynchronous serial port and the **IRMA-7** packet protocol
- ▶ acquires signal for further processing and archiving. Web temperature, head temperature, extra temperature and expansion module signal are available depending on model and accessories
- ▶ program supports Visilab's all process sensors and meters
- ▶ very easy to use
- ▶ multitasking program structure. Most tasks and operations can be performed at the same time
- ▶ supports eight slave meters simultaneously plus one primary slave, settings saved including the mission of each meter and its model. Different signal types can be acquired together
- ▶ all of meter's features can be used efficiently, including the memory banks, calibration tables, autotimers and high measuring speed
- ▶ sampling interval adjustable from 0.02 s to 32000 s
- ▶ archiving of all data to spreadsheet format, also Datalog, Active-X and LVM file formats are available
- ▶ frequency analysis for current incoming data and for archived and downloaded bank data. This is a highly useful tool for finding periodic signal variations and identifying their causes
- ▶ frequency analysis has a calculator with a cursor to facilitate peak identification
- ▶ data files can be retrieved and displayed with statistics information
- ▶ reporting to printer with high quality graphics. HTML report files can be generated.
- ▶ histogramming for analyzing long-term progress
- ▶ manual and automatic fine tuning for calibrations
- ▶ status indicators for meter overheating, web break and suspected break are useful for daily quality control work
- ▶ indicators for crossing preset high and low levels
- ▶ wide display graphics
- ▶ a numeric display page with really large numbers for long-distance monitoring
- ▶ Composer expert system in a still easier form for moisture meters
- ▶ calibration and meter standardization routines
- ▶ can be left running for months, data is saved automatically into date-time coded files
- ▶ scanner support for both Acquire and Multiple slaves tasks
- ▶ calibration library and single material manipulation with graphical display of each entry
- ▶ fast advanced signal processing in filtering, frequency analysis and displays
- ▶ postfiltering of archived data with an averaging filter, excellent for removing unwanted peaks and web breaks, also clearing and staircase filters <w.
- ▶ channel difference saved separately in a multiple meter system. Difference can be done as a postoperation for archived data files
- ▶ Mathematics page for changing calibrations used for archived data files ("recalibration") and optional shifting/scaling of data
- ▶ Network operations and global commands
- ▶ operates in Windows Vista/2000/XP and future systems
- ▶ the new high-speed serial port is supported
- ▶ the **Advanced** program is licensed with an economical single-time payment
- ▶ the program can be later simply upgraded via internet with no cost
- ▶ 30 day evaluation licenses free
- ▶ user's guide in English

2010-38

**VISILAB**  
SIGNAL TECHNOLOGIES

**CAPOSSITO**™ and **FrontColour**™  
are registered trademarks and **IRMA-7**™  
**Visilab**™ are trademarks of Visilab. All  
rights reserved. Copyright © by Visilab.

**Visilab Signal Technologies Oy**  
**FI-07560, Pukkila, FINLAND**  
**Tel. +358-45-635 4885**  
**www.visilab.fi**  
**e-mail: sales@visilab.fi**