



ICINAC WIRELESS: CONTINUOUS & WIRELESS pH MONITORING



Originally, iCinac system has been developed for dairy industries to continuously monitor the acidifying activity of lactic ferments. The multiplication of dairy products (milk, yogurts, creams, cheeses and other milk based specialities..) requires more and more sophisticated developments, facilitated by iCinac.

iCinac **simultaneously observes the change in pH, temperature ad redox** potential, which allows to evaluate and estimate its impact on the process development and to define the adequate inocula. Except for the dairy industries, iCinac is also intended for any industry requiring a continuous and multi-channel pH monitoring.



THE NEW ICINAC WIRELESS VERSION

This very convenient and portable solution uses the same multi-parameter digital probes for continuous observation of the change in pH, but without cables & device.

Each digital probe is equipped with a **wireless transmitter** which relays data to a **the receiver**, a USB key on your PC that runs with our new user-friendly dedicated **analytical software**.

This ready-to-use package is delivered

in a customized suitcase, with optional battery charger.

Furthermore, iCinac meets the specifications of the **ISO 26323 standard** (Determination of the acidification activity of dairy cultures by continuous pH measurement).

This **flexible, low cost, modular, removable and scalable solution** is easy to deploy and simplify the measurement.

OPERATING MODE

1. EACH DIGITAL PROBE IS EQUIPPED WITH A WIRELESS TRANSMITTER

- You can multiply the probes, up to 16 channels
- Each probe measures, on the same channel, the **pH, temperature and Redox** potential by sample
- The long-range wireless transmission covers several hundred meters
- Each digital probe guarantees an autonomy up to 30 days

2. THE RECEIVER RELAYS DATA ON YOUR PC

- The receiver is a special USB key which run on your PC
- Data of continuous observation are transmitted in real time

3. DATA ARE ANALYZED IN REAL TIME BY THE SOFTWARE

- The software is set up on your own computer



Optional battery charger



ISM® Digital probe + wireless transmitter



Receiver (USB key on your PC)

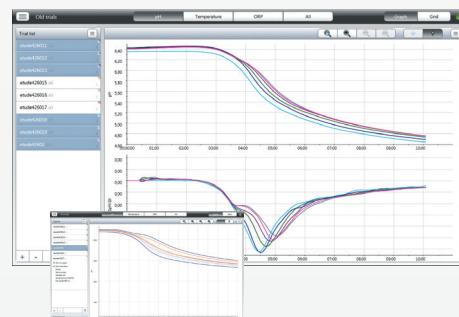


ICINAC LABORATORY MODEL

NEW USER-FRIENDLY ANALYTICAL SOFTWARE

Extremely complete, this Windows software is used to automatically:

- Manage the temperature compensation
- Follow-up any set point (temperature, pH, time, etc)
- Drive your water baths
- Calculate all your feature points
- Save all data in real time
- Draw all types of curves
- Follow up the calibration of your pH probes
- Create and manage your libraries (average curves, standard deviation, etc)



- Up to 96 simultaneous measurements
- ISM® digital sensors
- Integrated touch screen PC with new software

THE SECRET: MULTI-PARAMETER DIGITAL SENSORS

The iCinac is equipped with **multi-parameter digital probes**, manufactured by Mettler Toledo with ISM® technology, that can simultaneously take 3 measurements on the same channel: pH, Temperature and Redox potential of one sample.



www.amsalliance.com

AMS France
10 avenue Charles de Gaulle
95740 Frepillon
FRANCE

Tel. : (+33) 134 18 71 10
Fax : (+33) 139 60 72 39