



## Vineyard and winery traceability

# SUPERVISION



## Complete vat-house management at your fingertips

*Lamouroux, based in the Entre de Mers region in Gironde, has had a passion for wine for 20 years.*

*This firm is the only French company to manufacture its own to-measure winery controllers in its workshops. This is why Lamouroux temperature control cabinets are sold to winemakers the world over – from Bordeaux to Alsace and Chile to Egypt!*

### **SUPERVISION offers total control via an intuitive touchscreen!**

■ LAMOUREUX SUPERVISION offers supervision of the **entire vat house**. Thanks to the new SUPERVISION program which records and processes data instantaneously, you can control the entire installation (temperature control, pumps, boiler) as well as the alarm and default, all in real time.

■ SUPERVISION is also fitted with a direct link to the LAVILOG winery and vineyard management program and offers remote connection via the internet.

■ It is an all-in-one system which combines high performances with user-friendliness. Everything is managed intuitively using a touchscreen PC.

■ SUPERVISION can be hooked up to a big LCD screen allowing optimum viewing of the information stored, in the form of block diagrams, temperature curves, history logs, etc.

SUPERVISION is the only temperature control system that minimizes your energy consumption!

■ SUPERVISION is a temperature control program equipped with two sensors: one installed in the marc cap and the other in the centre of the vat. SUPERVISION has a single program to control temperature regulation according to the temperatures read by the sensors.

■ Either cold water circulation is triggered in the heat exchanger inside the vat in order to reduce the temperature and reach the required setting, or a homogenizing pump is started up in order to heat the vat with the calories stored in the marc cap at the top of the vat. **The vat is therefore heated using minimal energy** (thanks to this unique new process, the boiler does not need to start up). Energy consumption is reduced while temperature control is efficient. This contributes to the development of sustainable viticulture.



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### Touchscreen interface

- Intuitive, simple and user-friendly.
- Easy for everyone in the winery to control temperatures, as the touchscreen interface allows several people to view the data.

### Your entire temperature regulation system controlled IN REAL TIME!

- Supervise and control the entire system: vat temperature, pumps, boilers, cold units, equipment rooms, etc.
- Control temperatures
- View and configure alarms
- Communicate with all the vats.
- Save all data, vat by vat (temperatures, densities, alarms...).
- Create temperature curves and comparative analysis tables with automatically saved data.

**SUPERVISION** : the complete winery management software to optimize the energy consumption of your temperature control system

### Automatic control of a homogenizing pump with 2 sensors (1 in the marc cap and 1 at the centre of the vat)

- Reduction in energy consumption combined with efficient temperature control!
- The calories stored in the marc cap are reused to heat the vat
- Contribution to the sustainable development of winemaking facilities.

### Link to the LAVILOG software

- Link to the LAVILOG winemaking production management software. All data is automatically saved in the LAVILOG database.
- No need to re-renter data into the program!
- Time savings and better reliability!

### Remote access to your temperature control system

- Thanks to the link with LAVILOG WEB, you have remote access to your touchscreen PC via an internet connection
- You can therefore consult and control your temperature-regulation installation
- Remote viewing.

### A made-to-measure system

- Adapts to the needs of each winegrower
- Either a temperature control cabinet in an equipment room + bus link cable to a touchscreen PC in the vat-house or office
- Or several cabinets in the vat house(s) with a bus cable from all the cabinets to a touchscreen PC
- The touchscreen PC can be either built into the cabinet or supplied on its base in order to be installed away from the cabinet.



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