



SMART OAK

OPTIMISE THE OAK AGEING OF YOUR WINES

Smart Oak is an innovative tool for controlling the process of oak ageing with alternatives for wines, allowing faster, more accurate extraction of the wood to suit consumer tastes.

Smart Oak is an automated tool for managing the oak ageing with alternatives process. Smart Oak is connected to an oak ageing tank.

Different types of wood chips can be used (wood shavings, staves, and blocks).

Balanced, quality oak ageing with alternatives is completed in a few days instead of a few weeks.

The winemaker chooses the type of wood shavings to put in the wines to suit consumer demand, with a simple, intuitive, easy-to-use interface.

Testimonial

Smart Oak helps to age the wine for the optimum period of time. Smart Oak provides a response to an urgent, unplanned demand for oak ageing with alternatives. The organoleptic result still complies with current practice. The process is also repeatable. Smart Oak is easy to use and set up. The wine keeps its fruit and its aroma, while adopting volume in the mouth and added structure.

Cave Héraclès
Occitanie (30) - FRANCE



Smart Oak and its tank for oak ageing with alternatives



Intuitive touchscreen interface



Simplified schematic



CONTROLLED OAK AGEING WITH ALTERNATIVES

- Inerting during oak ageing with alternatives
- Preserves freshness and fruitiness of wines
- Controlled extraction of the aromatic compounds from the oak wood
- Alert in the event of air intake
- Extraction intensity selected according to the type of wine required



CUSTOMISATION OF WINES ON DEMAND

- Reduced wood/wine contact time (a few days instead of the 3 to 6 months in the static process)
- Rapid return on investment
- Flexibility: enables fast adaptation to consumer demand
- Improved control of wine conservation (no transfer from tank at the end of oak ageing)



EXCELLENT INTEGRATION OF THE OAKING PROCESS

- Wood shavings added to the Smart Oak tank
- Safer for operators
- A la carte control of oak ageing with alternatives: automatic or manual programs as required
- User-friendly and intuitive touchscreen interface



CONTROLLED OAK AGEING WITH ALTERNATIVES

- The progress of oak ageing with alternatives is monitored by an electrical impedance spectrometry sensor
- Reproducibility of oak ageing profiles

THREE CUSTOMISABLE PROGRAMS FOR OAK AGEING WITH ALTERNATIVES



Short arms
(6-8 days)

sugar levels and aroma



Classic
(8-11 days)

balance between
aroma and tannins



Intense
(9-12 days)

structure