



CrioSmart 2

Measure of the tartaric stability

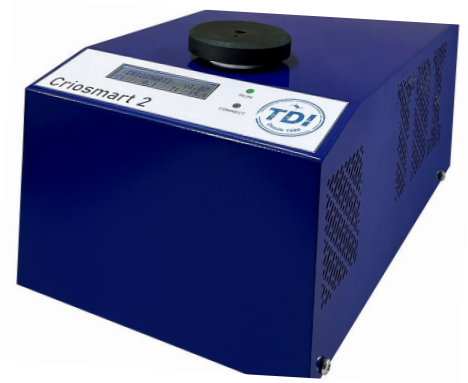


All performance in a minimum space

Test your wine yourself under the most extreme conditions with the maximum accuracy. The **CrioSmart 2** can estimate the real treatment needs for each wine, drastically reducing the consumption of time and energy.

An ultracompact instrument, faster than any other of its equivalents, that only needs 20 ml of sample and with no need of tap water.

ENOLUTION



TECHNICAL SPECIFICATIONS **CrioSmart 2**

OPERATING PRINCIPLES

A condition of extreme stress is created by adding a significant excess of potassium bitartrate finely powdered to the wine in order to overcome the inhibition processes of precipitation, and the electrical conductivity at different temperatures is continuously recorded, with the aim of knowing if there is any possibility of precipitation at a particular temperature .

There are two methods available: **Isothermal Test (ISO)**: that allows to know if precipitation will occur at a specific temperature and the **Stable Saturation Temperature Test (TSS)**: that allows to estimate the real needs of cold treatment.

- Total computerization of results.
- Specific software developed for Oenologie.
- User-friendly operation.
- Ultracompact equipment.

CONDUCTOMETER

- 12-bit A/D converter with programmable gain from 1 to 16
- Sensitivity : $\pm 2\mu\text{S}/\text{cm}$ in the Isothermal Test
- Measuring range: $0 \div 4000\mu\text{S}/\text{cm}$

THERMOMETER

- Sensitivity: 0,01 °C
- Thermal sensor: Solid state
- Accuracy: 0,1°C
- Range: From -30 °C to 50 °C

THERMAL CONTROL

- Type: Digital thermal control algorithm
- Conversion: 25-bits D/A
- Oscillation: Isothermal control ± 0.02 °C
- Control range: From -8 °C to 45 °C

ANALYSIS CELL:

- Volume: 20 ml
- Stirrer: Magnetic
- Access: At the top with cap (easy access)

ANALYTICAL SPEED

- Isothermal: Test at 0 °C in less than 20 min.
- TSS: Complete test in 35 min.

INSTALLATION

- Dimensions -> L: 17,5 W: 29,5 H: 17,5 (cm)
- Weight: 4.800 kg
- Power supply : 220 V, 50 Hz, 100 W

