

# Check Stab

Tartaric stability Tester

Quick and easy determination of tartaric stability based on electrochemical conductivity measurements under various conditions.

## Principle

Different methods are used for tartaric stability:

- **Mini contact method** determines KHT precipitation, expressed in  $\mu$ Siemens. This value indicates the stability of the wine being tested.
- **Saturation point** : the analysis automatically provides the saturation temperature in °C of the tested sample. Once the instrument has been prepared for an analysis, it proceeds automatically, requiring no further intervention by the operator until the last step (probe assembly cleaning).
- **Mini contact with Forecast method** determines KHT precipitation expressed in  $\mu$ Siemens. By using CheckFuture®, it predicts precipitation of crystals.

A method for calcium stability :

- The Check Stab allows to conduct calcium saturation point analysis. In this case, you will need to use Calcium L-Tartrate Hydrate  $C_4H_4CaO_6$  (supplied as an option).

## Advantages

- Check control function allows easy and fast analyses.
- Touch screen display.
- Silent ventilation system.
- Automatic KHT dispensing.
- USB interface to download data and upgrade the program.
- Standby function for energy saving.

## Technical features

KHT Dispenser	Automatic
Cleaning system	Manual
Conductivity cell	2 Platinum Plated Electrodes
Thermometric probe	Pt 100 1/3 Din 3 wire
Sample Wine Mixer	with stepper motor
Bath Mixer	CC Motor
Heater	Inox- 400 W
Cooling Assembly	Power 1/6 Hp ; Internal evaporator
Bath	Inox- 1,5 lt
Display	Touch screen Color 7,1
Interface	USB
Dimensions b x l x h / Weight	505x280x420mm / 28 kg



Ref.200300

## Software

Supplied with analytical software system to manage data :

- Measurement data readouts (Conductivity, Wine temperature, Bath temperature, Preset temperature, etc.).
- User status readouts (State of cooler, heater, probe positions, etc.).
- Measurements readouts, in text or graphic mode.
- Single or multiple display mode : up to 10 analyses view simultaneously.
- Visualization of the saturation analysis in a normal graphics mode or in a differential mode.
- Visualization of the mini contact analysis in absolute mode or in relative mode.

## Supplied with

100 g KHT, 2 liters of coolant, 500 ml calibration solution, and a special spoon.

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