Tartarcheck
Tartaric stability

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Tartarcheck is an instrument for monitoring the tartaric stability which allows to evaluate how to stabilize, saving on the process and ensuring quality. Tartarcheck works on the principle of accelerating the THK precipitation, by adding it in excess as fine crystals. The precipitation kinetics is followed by measuring the sample's electrical conductivity, which depends on the ions in solution (so not yet precipitated), in a thermostated chamber whose temperature follows a pre-set time profile by a microcomputer-controlled Peltier heat pump.
The instrument is complete and compact, with LCD display and thermal printer, and can be connected to external computer via RS232C.

Tartarcheck Plus
With touch screen tablet

OPERATION:

It does not need other external elements to work.
With its simple and intuitive software You can:

- Perform isotherm precipitation kinetics (at any T° between -4 and 40 °C).
- Detect the TS by intersecting the thermal conductivity profiles both with and without THK crystals.
- Print and/or store (depending on the model) the precipitation kinetics for the isotherm test and the differential conductivity diagrams according to the temperature for the Ts calculation.

Tartarcheck
With display and printer

TECHNICAL FEATURES:

- Isothermal speed: test at 0 °C in 20 min.
- Ts speed: complete test in 35 min.
- Sample volume: 25 mL/magnetic stirrer/environment T°: -4 °C to 40 °C
- Power: 230/110 V - 50/60Hz - 100 W
- Dimensions: 42x32x23 cm
- Weight: 5 kg
- "CE" marked