

1 | 2 Tartarcheck: tartaric stability in wine

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.

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.

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: 220 - 240 V/50 - 60 Hz/100 W

Dimensions: 42x32x23 cm; Weight: 5 kg

"CE" marked

COMMON TECHNICAL FEATURES

Conductivity:

Conversion from 16 Bit to D/A

Conductivity range: 0-4000 µS/cm

Sensibility: ±2 µS

Accuracy: ±2 µS

Thermometer:

Semiconductor thermal sensor

Temperature range: -5/35 °C

Sensibility: 0.01 °C

Accuracy: 0.01 °C

MAIN DIFFERENCES

Data storage:

Tartarcheck

Thermal printer releasing a receipt at the end of the analysis; No data storage

Tartarcheck Plus

Tablet touchscreen (no printer) with data storage; PDF analysis report, can be downloaded from the inner archive to PC or mobile via wi-fi connection

Control panel:

Tartarcheck

with buttons

Tartarcheck Plus

Touchscreen tablet

Description	PK	Cat. No.
Tartarcheck	1	A11307
Tartarcheck Plus	1	A11373

Accessories and spares for Tartarcheck

Description	PK	Cat. No.
50 ml syringe for chamber of analysis emptying	1	X200141
THK dosing syringe	1	X200143
Syringe filters 0,80 microS	50	9049103
Potassium Hydrogenated (THK), 250 gr	1	A15281-250G
Conductivity solution 1413 microS at 25 °C, 500 ml	1	CL12.1110.0500
Thermal paper 57x30 mt, in rolls	10	X200722



Tartarcheck Plus



Tartarcheck