

EASY CHECK TARTARIC STABILITY ANALYSER

Easy Check is an automated system for measuring tartaric stability in wine.

It is an ultra-compact analyser and requires only electricity for correct operation and cooling of the sample.

The system is fast, easy to use and provides a repeatable stability measurement along with the ability to store records, even connecting in remote with specific app.

Easy Check operating principle is to favor the precipitation of potassium tartrate by adding excess THK. The measurement of stability then derives from the determination of the electrical conductivity, μS , of the wine under different temperature conditions.



Some technical features:

Conductivity:

sensitivity $\pm 2\mu S / cm$ in isothermal measurement range $0 \div 4000\mu S / cm$

Thermometer:

sensitivity $0.01 \text{ } ^\circ C$; accuracy $0.1 \text{ } ^\circ C$
measurement range $-30 \text{ } ^\circ C \div + 50 \text{ } ^\circ C$

Analysis chamber:

volume 25 ml with magnetic stirrer

Built-in computer

ARM CPU 4 core 1.4 GHz or higher

Dimensions (w, h, d)

21x20x43 cm

weight about 8 kg

**MAKES WINE STABILITY
EASY AND ACCURATE!!!**

.... and tips:

EasyCheck peltier cooling (4 peltier cell) is really faster to cool against water/air bath. A faster cooling means faster analyses!!!

- EasyCheck grant a better temperature accuracy than water/air bath analysers: $\pm 0,05^\circ C$ vs $\pm 0,5^\circ C$
Temperature, with μS , is the essential parameter for tartaric stability analyses!!

- EasyCheck doesn't need annual preventive maintenance, it's a maintenance free unit!!

- EasyCheck software allows to perform:

- A) INFINITE function calculation for any analyses;
- b) Precipitation time increase during analyses;
- c) Complete wine characterization:

Isotherm: Analyze tartaric stability;

TS: Saturation temperature;

TSS: Saturation temperature stabilized;

TCC: Critic al crystallization temperature;

SSS: Stable oversaturation zone;

CALCIUM stability: Innovative and accurate test;

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