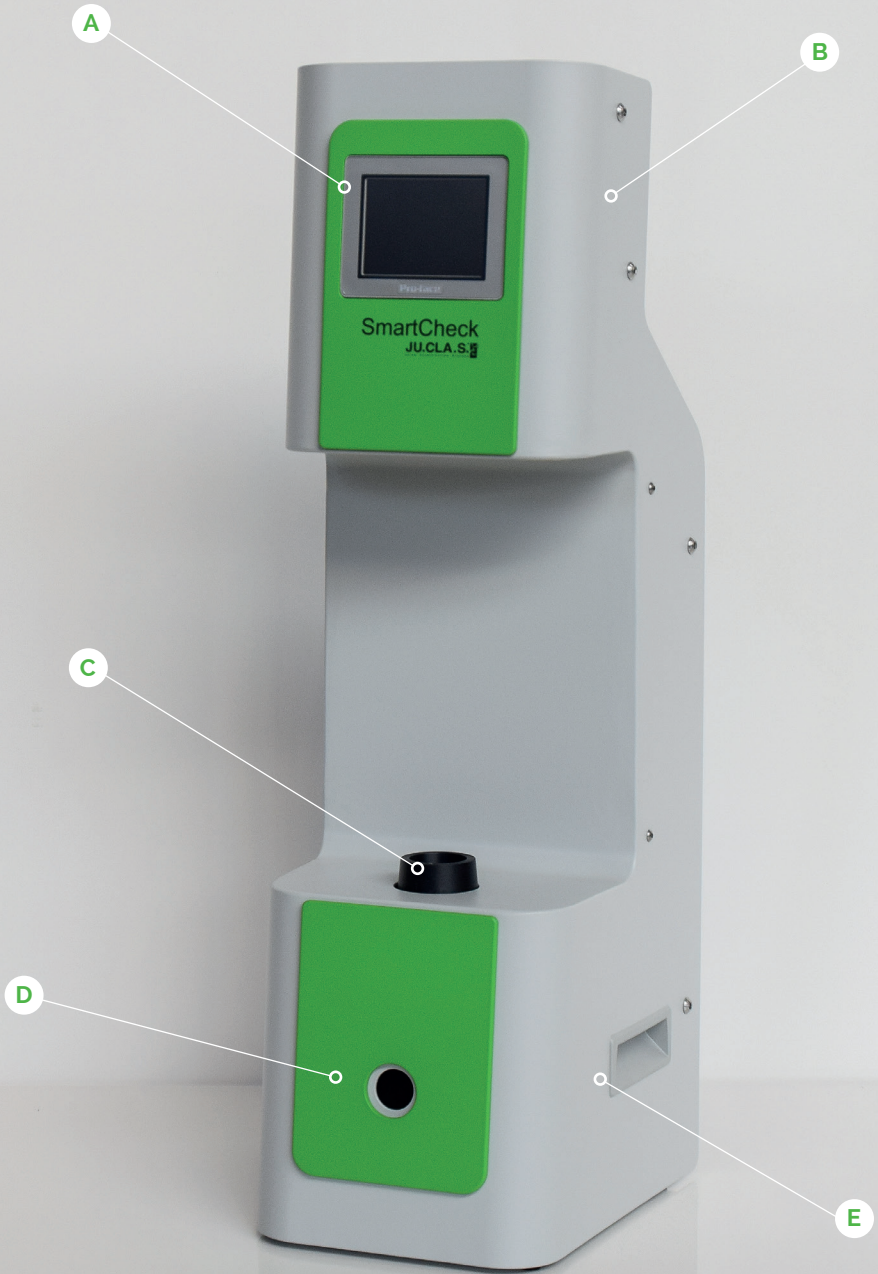


SMARTCHECK[®]

*Industry 4.0
Technology for
Testing Tartaric
Stability of
Wines*



JUCLAS
Advanced beverage systems



SMARTCHECK®

SmartCheck® is based on the principle of the **"mini-contact" test**, which involves monitoring the drop in conductivity (crystal growth) after adding potassium bitartrate to a wine subjected to continuous stirring at a low temperature.

The analysis with **SmartCheck®** can be conducted at 5 different temperatures for the time required by the operator; this makes it a **"direct" instrument** that can be used to carry out more in-depth scientific studies and to run the production stages, by obtaining a specific parameter, even in terms of repeatability.

The results can be viewed in **real time** on an **intuitive** three-screen **display**, where it is possible to follow the test using five parameters:

- > Temperature
- > Initial, instantaneous and differential conductivity
- > Remaining minutes to the end of the assessment

SmartCheck® can be conveniently managed from a smartphone app thanks to an Internet connection that allows **remote data** downloading.

SmartCheck® is a tool capable of producing and conveying productive inputs for **an interconnected wine industry**, according to the most modern factors of **Industry 4.0**.

- > Safe and customised parameters for each wine
- > A guide for decisions regarding winemaking processes
- > Better measuring and monitoring capacity of production input
- > Improved internal efficiency

The characteristics

- > The test is performed with a choice of 5 possible temperatures
- > The test can be performed for any length of time
- > The test can be interrupted early
- > Small in size, to be easily placed on a laboratory counter
- > Electronics area protected from condensation and well separated from the fluid area
- > Easy washing of the fluid management area
- > Modulated and automatic precision cooling to 0.1 °C, in a water current
- > Smartphone app with on/off function, data display and download
- > Setup with 4.0 wine cellar management system
- > Ju.Cla.S. proprietary software and updates

Measurements 24cmx67cm – **Display** 6"

- A** Touch screen display
- B** Electronic area
- C** Sample container
- D** On/Off Key
- E** Fluid management area