



EASY, FAST AND ACCURATE **WINE QUALITY TESTING**



High precision
automatic distiller

SDEE

with integrated
steam generator
for alcoholic
beverage
distillation



Official OIV method
compliance :

MA-AS312-01A R2016
MA-AS313-01A R2015



**International Organisation
of Vine and Wine**
Intergovernmental Organisation



METHODS

SDEE digital distiller allows the distillation of samples of alcoholic beverages for the determination of :

- **ABV** (Alcoholic Strength by Volume)
- **Volatile acidity**
- **Sulphur dioxide** (SO₂)
- **Sorbic acid**

ROBUST AND SAFE

AISI 316 stainless steel structure, plexiglass protection, incoming and draining water controls as well as automatic alerts make **SDEE** suitable for frequent and intensive use of your distillation and control needs.

FAST AND ACCURATE

SDEE allows extremely accurate and fast results thanks to :

- electrodes system for boiling the liquid necessary for the distillation process
- steam current for the determination of volatile acidity, SO₂ and sorbic acid.

Method	Sample	Time
Wine distillation	100 ml	3 ÷ 4 minutes
Spirits distillation	100 ml	4 ÷ 8 minutes
Volatile acidity	20 ml	6 ÷ 7 minutes
Sulphur dioxide (SO₂)	50 ml	6 ÷ 7 minutes
Sorbic Acid	250 ml	6 ÷ 7 minutes

SDEE Your quality assurance for alcohol content analysis

EASY AND INTUITIVE

The Control panel with display allows you to easily set the parameters, read the values obtained from the distillation in real time and share them on your PC.

SDEE stops automatically at the end of the distillation



► CONFORMITY

SDEE is compliant with directives 2006/42EC and 85/375/EEC for the safety of analysts, with directive 2014/30/EU (electromagnetic compatibility) and the **official OIV method**.

► MODELS

Automatic distiller SDEE can be supplied with **INTEGRATED STEAM GENERATOR** (mod. SDEE) or without generator (mod. SDEE / SV).

The steam generator is connected directly to tap water.

No need for distilled water.

It is equipped with an interchangeable demineralization column.

► TECHNICAL FEATURES

- AISI 316 stainless steel supporting structure
- Vertical sliding Plexiglass protection
- Cooling water inlet control (temperature, pressure and flow)
- Automatic alerts: flask missing; open drains or guards
- Magnetic water inlet filter to block heavy particles
- Cruet with increased drain to be able to distill lees and pomace
- Easy flask hooking, manageable with one hand only
- Flow regulating shower for washing ampoule
- RS232 port for data sharing on pc

► STANDARD EQUIPMENT

SDEE comes with:

- no. 3 100 flasks with stopper
- no. 1 200 flask with stopper
- no. 2 300 ml flasks with stopper
- no. 1 500 ml spray bottle
- no. 1 100 ml bottle with dropper cap
- no. 3 plastic dropper pipettes
- necessary reagents
- no. 1 spare cartridge for H₂O (demineralization column)

► TECHNICAL DATA

Supply voltage / power	220 VAC - 15A max
Output	Serial RS232
Dimensions mm (LxWxH)	460 x 310 x 1200
Net weight	41 kg

► WATER REQUIREMENTS

Max Temperature	20 °C
Min pressure	1,5 bar
Min flow	5 liters/min

SDEE Your quality assurance for alcohol content analysis

CONTACTS

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OIV Official Method

MA-AS312-01A R2016
MA-AS313-01A R2015



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LAT N°094 RMP N°094

