



Dualstill Plus

1 Electronic distiller model Dualstill Plus

According to the OIV regulation concerning the determination of the Volumetric Alcoholic Titration and Volatile Acidity in wines, musts, its derivative and in spirits.

Ultra-rapid and totally automatic instrument for detection of ALCOHOL and VOLATILE ACIDITY; born and designed to automate all pre- & post-distillation steps.

Shiny stainless steel 1810 epoxy painted frame.

Analysis chamber in Pyrex and PTFE.

Heating is done inside a DURAN glass chamber through a dual system: electric (electrodes with electronic control) and steam (electronically controlled high efficiency boiler).

The user interacts with the interface through the large graphical display and the comfortable membrane keyboard: to program very easily all the parameters of the analysis to be performed (you can enter up to 99 different types of analysis).

Technical features

Heating system: Electric/Steam

Distillation end block: Automatic

Cooling circuit: Water automatic stop

Distillation Vessel: DURAN PTFE

Frame: stainless steel - PTFE

Power supply: 240/220 V - 50/60 Hz, 15 Amp

Distillation timing

ALCOHOL: about 3 min. 30 sec. for 100 ml distillate

VOLATILE ACIDITY: about 7 min. for 250 ml distillate

STANDARD EQUIPMENT INCLUDES: Instrument starting kit, including n. 2 x 100 cc flasks, n.1 x 200 cc flask, n. 1 x 250 cc flask, antifoam dosing device, calcium hydroxide solution dispenser, n. 2 x plastic pipettes, distilled water container, chemicals for distillation, fittings, instruction manual.

DESIGNED AND CONSTRUCTED in accordance to D.P.R. 459/96, D.P.R. 24/5/98 No 224 and CEI EN 61010-1.

"CE" Marked.

| Description | PK | Cat. No. |
|----------------|----|----------|
| Dualstill Plus | 1 | A11350 |



Dualstill / Unistill

2 Electronic distillers

According to the OIV regulation concerning the determination of the Volumetric Alcoholic Titration and Volatile Acidity in wines, musts, its derivative and in spirits.

Heating system ensuring, at an exceptionally short time, the extraction of alcohol from the matrix in which it is dissolved.

The sample matrix can be of any type, being the instrument an "open distillation vessel" one, a condition greatly simplifying sample preparation steps, washing and cleaning when distillation is finished.

All deteriorable parts are easily accessible and can also be replaced by non-specialized personnel, thus simplifying ordinary and extraordinary maintenance.

The instrument main frame, completely in stainless steel AISI 304 having 1.5 mm thickness, always keeps it in perfect functional and good-looking conditions.

Distillation timing

- Alcohol: about 4 minutes (approximate time to distill 100 ml of alcohol solution)

- Volatile acidity (for Dualstill only): about 6 minutes (approximate time to obtain 200 ml of distillate starting from 20 ml of product)

Technical features

- Distillation end block: Automatic and adjustable to the values required by the user

- Cooling circuit: Water, with automatic stop at end of distillation

- Distillation vessel: open, with quick locking system

- Safety: safety devices both on door and boiler

- Power supply: 220 V \pm 10%

- Absorption: 15 A max

- Dimensions: 40x38x85 mm (LxWxH)

Standard equipment includes: Starting kit, including n. 2 x 100 cc flasks, n. 1 x 200 cc flask, n. 1 x 250 cc flask, n. 2 x distillation chambers, antifoam dispensers, calcium hydroxide solution dispenser, n. 2 plastic pipettes, distilled water container, chemicals for distillation, fittings, instruction manual.

DESIGNED AND CONSTRUCTED in accordance with D.P.R. 459/96, D.P.R. 24/5/98 No 224 and CEI EN 61010-1.

"CE" marked

| Description | PK | Cat. No. |
|---|----|----------|
| Dualstill. Alcohol & Volatile Acidity. | 1 | A11301 |
| Double heating system: electric / steam, selectable. Electronic keyboard. | | |
| Unistill. Alcohol only. | 1 | A11308 |
| Electric heating system through two electrodes. Membrane keyboard. | | |

Accessories and spares for automatic distillers

For all our models: Dualstill, Unistill and Dualstill Plus

| Description | PK | Cat. No. |
|--|----|----------|
| Distillation cup, 100 ml | 1 | F11316 |
| Distillation cup, 200 ml | 1 | F11317 |
| Flask, 100 ml complete with cap | 1 | F11310 |
| Flask, 200 ml complete with cap | 1 | F11311 |
| Flask, 250 ml complete with cap (NOTE: only for model Dualstill) | 1 | 9141036 |
| Sealing for distillation cup | 1 | X10099 |

1 Automatic distiller model RaB

Fully automatic Rapid Distiller for determination of alcohol in wines, musts, its derivatives and spirits.
Compliant with O.I.V. normatives

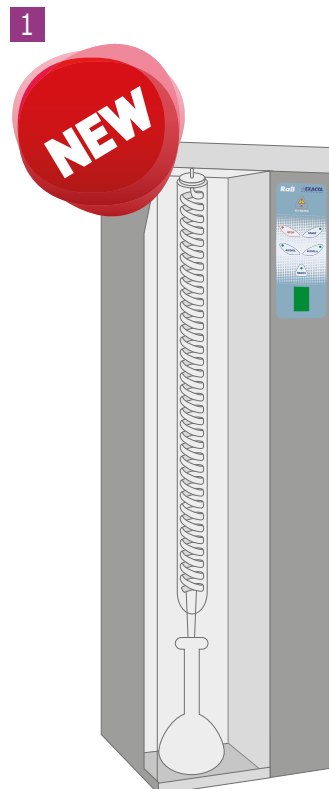
The instrument has been designed with a compact design to minimize the space occupied in the laboratory.
Distillation times are extremely fast: in 4 minutes you get the 100 ml necessary for the analysis of wines and musts and in 6 minutes the 200 ml required for spirits.

Technical features:

- Simple and immediate user interface thanks to the membrane keyboard on the front of the instrument
- New system with conductivity probe, allowing the automatic stop of distillation when the necessary volume is reached.
- Automatic stop of cooling water through the solenoid valve.
- Front frame in AISI stainless steel
- Aluminum closure protected with epoxy paint
- Distillation flask in DURAN glass
- Manual flask washing group

Power supply 240/220 V
Dimensions 23x36x82.5 cm (LxWxH)
Weight 17 Kg

| Description | PK | Cat. No. |
|---------------------|----|----------|
| Distiller model RaB | 1 | A11315 |



2 Official EEC distillers

for Alcohol detection

Electric heating system
Supplied with 100 cc and 200 cc collection flasks

| Description | PK | Cat. No. |
|-------------------|----|----------|
| 1-place distiller | 1 | A113302 |



A113302