

DE Compact

Automatic distiller-extractor by steam extraction

Equipped with high dimensions glass parts and a powerful steam generator, the DE Compact makes the distillation of alcohol and the extraction of volatile acidity according to European regulation and OIV standards, for an unequalled value for money.

Advantages

- Complying with european regulations (regulation EEC n°2676/90 and O.J. L272 of 03/10/90) and OIV standards described in the Compendium of International Methods of Analysis of Wines and Musts.
- Distillation of wines and beverages which contain until 40% Vol. alcohol
- Extraction of volatile acids
- Fast starting and reliable results

Caracteritics

DISTILLATION / EXTRACTION :

- Selection of the time of extraction with a timer
- Automatic stop of the pump supplying water to the steam generator and of the circulating cooling system
- Instantaneous steam production thanks to an integrated steam generator with powerful heating system (2800W)
- High dimension glass parts (rectifying and cooling columns with high efficiency)
- Constant display of the temperature of the refrigeration liquid
- Short work time : 4 to 6 min by operation

SAFETY / MAINTENANCE :

- Protective Plexiglas door in front of the warm glass parts
- Pressure switch to determine low pressure of the refrigeration circuit
- Low maintenance needed, few parts subject to wear and tear
- Easy access to the parts of the device (glass parts, steam generator)

ACCESSORIES INCLUDED :

- Glassware (distillation flask and volumetric flask)
- Connection hoses for the cooling system and for the evacuation of the samples
- Detailed user manual

REQUIRED FACILITIES AND PRODUCTS :

- Power supply : 220V- 50 Hz
- Water supply : minimum pressure 1,2 bar, advisable temperature 18°C, minimum flow 5-6L/mn
- Demineralized water

Principle :

A steam generator feeded with demineralized water enables, with steam bubbling into the sample, an extraction of volatile acids, alcohols, etc.

A rectifying column filled with Raschig rings separates the vapours and prevent the distillation of lactic acid. A cooling coil column, equipped with a special tube for connection with the air to equilibrate pressure, condenses and collects all vapours.

The distillate comes out by a glass tip and is collected in a volumetric flask. The extraction stops at the end of a period previously selected on a timer.



Ref. 140850

Dimensions (HxWxD) and weigh : 95 x 35 x 25 cm ; 20 Kg

Developed and manufactured in France



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