

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, with the option to choose a marc version, allowing for the analysis of alcohol content.

Advantages

- Distillation of wines and beverages which contain until 20% Vol. alcohol, 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 beverages which contain until 40% Vol. alcohol (after dilution by 1/2).
- Option to choose a marc version for alcohol content analysis. This is essential to comply with regulations, which require knowing the alcohol content of the marcs in order to revalorize them afterward.

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 fed 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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