

Automatic steam extractor for volatile acidity with the official method (CEE n°2676/90).

This instrument is designed for the extraction of volatile acids or sorbic acid, by a steam generator. All operations comply with European regulations (Official Journal L272 of 3/10/90) and the O.I.V. standards such as those described in the Recueil des Méthodes Internationales d'Analyse des Vins et des Moûts (Compendium of International Methods of Analysis of Wine and Musts). Fast start and reliable results make the VOLA 2000 advisable for laboratories specialized in wine analysis, spirits, fermented beverages, fruit juices and numerous other agriculture and food industry products (tomato sauces, vinegars, etc...).

Extraction

- A pyrex glass bubbler with non-return bulbe allows the extraction without increasing the initial volume of the sample, and the total release of volatile acids ;
- A 35-cm steam rectifying column with Raschig rings prevents the distillation of the lactic acid;
- The end of extraction, depending on the chosen time, is immediately obtained thanks to the stop of the pump which supplies the generator with water ;
- The work time is very short : about 4 to 5 minutes for the extraction of volatile acidity ;
- After draining the extraction bubbler flask, the Vola 2000 can be used for a new extraction, without rinsing.

Condensation and cooling

- The use of Graham cooling coils (external diameter : 44 mm, length : 450 mm, length of the enrolled coil : 2,50 m) ensures a total condensation of the distillates ;
- An electric electrovalve managed by the electronic timer ensures the automatic circuit closing of the cooling circulation between distillations.



Ref. 118500

Specific features

- Steam generator made of highly resistant machine-cut aluminium with built-in electric heater ;
- Injection, by a dosage pump, of the water necessary for the generator throughout the entire extraction process (no container of boiling water).
- Power supply : 220 V - 50 Hz
- Height: 950 mm
Width: 350 mm
Depth: 200 mm
Weight: 15 kg

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