Alco 02
Automatic distiller

Direct automatic distiller for alcoholic solutions over 20% vol. by the official method.

> **Designed to reduce significantly the time of distillation of traditional units and alcohol wastes.**
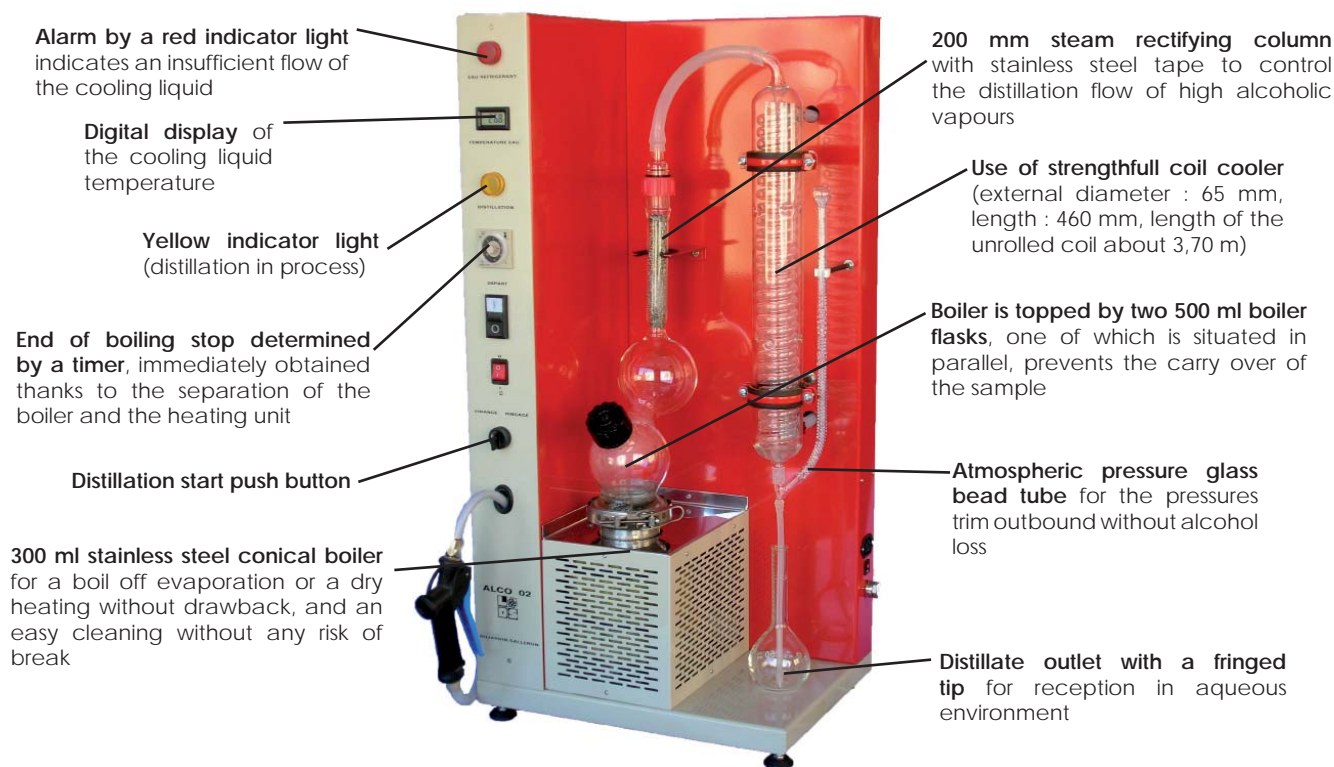
> **All operations comply with the O.I.V. standards** such as those described in the Recueil des Méthodes Internationales d'Analyse des Vins et des Moûts (Compendium of International Methods of Analysis of Wine and Musts).

> **Practical and secure distiller**, without equivalent on the market of spirit and alcohol analysis in laboratory

> **Original process of heating and pre-heating**, using the possibilities of energy transfer through contact of good thermal conductor materials and the best properties of air insulation circulating in thin film.

> **Powerful heating** (3000 W) **for a very short pre-heating time** (about 2 mn) **and a fast distillation** (from 5 to 8 mn according to alcohol content)

> **Maximum temperature regulated at 130°C** to avoid the physical destruction of extracted malkers

Alarm by a red indicator light indicates an insufficient flow of the cooling liquid

Digital display of the cooling liquid temperature

Yellow indicator light (distillation in process)

End of boiling stop determined by a timer, immediately obtained thanks to the separation of the boiler and the heating unit

Distillation start push button

300 ml stainless steel conical boiler for a boil off evaporation or a dry heating without drawback, and an easy cleaning without any risk of break

200 mm steam rectifying column with stainless steel tape to control the distillation flow of high alcoholic vapours

Use of strengthfull coil cooler (external diameter : 65 mm, length : 460 mm, length of the unrolled coil about 3,70 m)

Boiler is topped by two 500 ml boiler flasks, one of which is situated in parallel, prevents the carry over of the sample

Atmospheric pressure glass bead tube for the pressures trim outbound without alcohol loss

Distillate outlet with a fringed tip for reception in aqueous environment

Ref. 140800

Cooling system :

• **Automatic stop of the cooling circulation** between distillations

• **Pre-equipment for the connection of a cooling unit in closed circuit** (possible closed loop control of a peripheral circulating pump)

Power supply : 220 V - 50 Hz
Dimensions (HxWxD) : 920 x 440 x 325 mm
Weight : 20 kg