



FURNACE Z-C



CUPELLATION FURNACES

- Goldsmith Sector -



CUPELLATION FURNACES

The Z-C electric muffle furnace is used in the goldsmith sector, specifically for cupellation, a fundamental process that consists in refining and therefore separating noble metals, such as gold and silver from base metals present in minerals.

The Z-C oven is heated by a muffle complete with resistors. Inside it there is a removable carborundum muffle that can accommodate up to eighteen cupels. The carborundum muffle is connected directly to the suction hood located on the upper part of the furnace, in order to absorb and eliminate the combustion vapors.

The oven is complete with a support shelf for the cupels, a digital thermoregulator, a daily or weekly timer on request, from which it is possible to set automatic switching on and off.



DATA SHEET



TECHNICAL DATA

TYPE	SINGLE-PHASE VOLTAGE	FREQUENCY	WATTAGE	MAX TEMPERATURE
Z-C	v. 230	Hz. 50-60	3.9 kw	1150 C°

OVEN CHAMBER DIMENSIONS

TYPE	DEPTH	WIDTH	HEIGHT
Z-C	250 mm	210 mm	115 mm

CARBORUNDUM MUFFLE DIMENSIONS

TYPE	DEPTH	WIDTH	HEIGHT
Z-C	230 mm	170 mm	75 mm

DIMENSIONS

TYPE	DEPTH	WIDTH	HEIGHT
Z-C	750 mm	485 mm	820 mm

FURNACE Z-C