

FURNACE MSC



CUPELLATION FURNACES

- Goldsmith Sector -



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The MSC 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 MSC furnace is heated by a muffle complete with resistors. Inside it there is a removable carborundum muffle that can accommodate up to twelve 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
MSC	v. 230	Hz. 50-60	2.5 kw	1150 C°

OVEN CHAMBER DIMENSIONS

TYPE	DEPTH	WIDTH	HEIGHT
MSC	250 mm	145 mm	100 mm

CARBORUNDUM MUFFLE DIMENSIONS

TYPE	DEPTH	WIDTH	HEIGHT
MSC	230 mm	125 mm	75 mm

DIMENSIONS

TYPE	DEPTH	WIDTH	HEIGHT	WEIGHT
MSC	650 mm	400 mm	750 mm	65 Kg