

ME series electric muffle furnace

temp.max 1100 - 1200°C

Bench-top muffle furnaces for heat treatments, cementation, annealing and normalization.

- **ME Version:** Maximum Temperature 1100°C
- **ME/P Version:** Maximum Temperature 1200°C for continuous work at 1100°C

On request, version for effective temperature continuous work at 1200°C

Metallic carpentry made of sturdy steel sheet, front in die-cast aluminum all finely painted.

The thermal insulation is obtained in ceramic fiber in order to obtain a fast heating and a limited energy consumption.

Heating muffle on four sides complete with resistors to guarantee maximum temperature uniformity.

Special alloy resistors from KANTHAL A1 shielded with very low surface load and oversized to ensure a long life.

Swing door with pressure wedge and device for stopping the electric power supply when it is opened, which allows the operator, during the loading and unloading of the muffle, to act with maximum safety. Accident prevention protection is applied to the outside of the door.

Thermocouple protected with ceramic sheath.

Rear flue gas discharge with natural draft.

Command and control unit placed in the lower part of the oven in a protected position. The control unit is equipped with a Gefran microprocessor regulator with double display with overtemperature device, main switch and indicator light.

The ME 320 and ME 520 models are also available with the application of an INCOLOID-DS steel autoclave for treatment in a controlled atmosphere. Ovens for eliminating plastic on dies (with insertion of hermetic autoclave and with discharge chimney having a diameter of 35 mm).

Daily timer, weekly timer, Gefran cyclical programmer with double display, table with or without wheels.
Thermal steel sole.

ACCESSORIES ON REQUEST:

- Daily timer
- Weekly timer
- Cyclic programmer with double display
- Sole in AISI 340 stainless steel (Max Temp. 980°C) or INCOLOID DS stainless steel (Max Temp. 1180 °C)
- Table with or without wheels

Made in Italy

If you are looking for a oven click here:



- Ovens - natural air convection
- Thermostatic oven with forced air circulation

Code	Description	Frequency Hz	Power Kw	Temp.max ° C	Internal dimensions mm LxWxH	External dimensions mm LxWxH	Weight Kg.
P110202	Electric muffle furnace mod. ME 300 - 230V	50-60	3	1100	145 x 300 x 100	500 x 750 x 650	85
P110203	Electric muffle furnace mod. ME 320 - 230V	50-60	4	1100	210 x 320 x 145	500 x 750 x 650	85
P110205	Electric muffle furnace mod. ME 520 - 230V	50-60	6	1100	210 x 520 x 145	500 x 950 x 650	100
P110223	Electric muffle furnace mod. ME 320P - 230V	50-60	4	1200	210 x 320 x 145	500 x 750 x 650	85
P110225	Electric muffle furnace mod. ME 520P - 230V	50-60	6	1200	210 x 520 x 145	500 x 950 x 650	100
P110403	Electric muffle furnace mod. ME 320 - 400V three-phase	50-60	4	1100	210 X 320 X 145	500 X 750 X 650	85
P110405	Electric muffle furnace mod. ME 520 - 400V three-phase	50-60	6	1100	210 x 520 x 145	500 x 950 x 650	100
P110406	Electric muffle furnace mod. ME 640 - 400V three-phase	50-60	8,1	1100	210 x 640 x 145	500 x 1070 x 650	120
P110423	Electric muffle furnace mod. ME 320P - 400V three- phase	50-60	4	1200	210 x 320 x 145	500 x 750 x 650	85
P110425	Electric muffle furnace mod. ME 520P - 400V three-	50-60	6	1200	210 x 520 x 145	500 x 950 x 650	100

Code	Description	Frequency Hz	Power Kw	Temp.max ° C	Internal dimensions mm LxWxH	External dimensions mm LxWxH	Weight Kg.
P110426	phase Electric muffle furnace mod. ME 640P - 400V three- phase	50-60	8,1	1200	210 x 640 x 145	500 x 1070 x 650	120