BOECO MUFFLE FURNACE MF 8/1100 our new muffle furnace, designed for materials testing, heat treatment, ceramic and stoneware samples firing. The furnace can be used in laboratories, educational institutions, ceramic studios and industrial laboratories.

Standard design of furnace

- Maximum temperature 1100°C
- Capacity 8.2 L
- High thermal efficiency
- ► Vacuumed ceramic fiber chamber
- Heating elements are embedded in fiber
- High quality thermoinsulation materials
- Door safety interlock switch
- Ceramic bottom plate
- Fast heating time
- ▶ Low power consumption
- Good stability and uniformity

Control

- Microprocessor temperature controller (Omron E5CC)
- ▶ Temperature measurement by thermocouple type "K"
- PID electronic regulator, double digital display reference temperature and measured temperature

Technical details:

Useful volume Rated power not more then Rated supply voltage Rated frequency Number of phases Continuous operating Temperature	MF 8/1100 8,2 L 1.8 kW 230 V 50/60 Hz 1 1100°C
Maximum temperature Working chamber material	1100°C Fibre muffle
Maximum heating- up time (without charge)	50 min
Temperature stability in working chamber at rated temperature in thermal steady state without charge not more than	±2°C
Temperature uniformity in working space at rated temperature in thermal steady state without charge not more than	±10°C
Furnace working chamber dimensions width depth height Furnace dimensions:	200 mm 300 mm 133 mm
width depth height Weight (Netto)	440 mm 620 mm 510 mm 28 kg

Code	Description
BOE 8641100	BOECO Muffle Furnace, MF 8/1100, 230V, 50/60Hz





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LABORATORY EQUIPMENT