



MF 8/1100

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WITH CHIMNEY

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:

	MF 8/1100
Useful volume	8,2 L
Rated power not more than	1.8 kW
Rated supply voltage	230 V
Rated frequency	50/60 Hz
Number of phases	1
Continuous operating Temperature	1100°C
Maximum temperature	1100°C
Working chamber material	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	200 mm
depth	300 mm
height	133 mm
Furnace dimensions:	
width	440 mm
depth	620 mm
height	510 mm
Weight (Net)	28 kg

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

Code	Description
BOE 8641100/ LHM21	BOECO Muffle Ashing Furnace, MF 8/1100, with Fan-assisted chimney for smoke and humidity extraction, 230 V, 50/60 Hz