



## Muffle Furnace

Code: 83-4170/01

Product Group: Furnaces, Loss-on-Ignition,  
Loss-on-Ignition

The unique design of oven door for safe and easy operation to ensure that the high-temperature hot gas will not escape from inside the oven.

Inert gas inlet and outlet reserved in the chamber.

Micro-computer PID controller: easy operation, accurate, reliable and safe control.

Inside lining of fire-door and box panel are both made of stainless steel materials and are corrosion-resistance and free deformation under high temperature.

Light chamber for durable service (refractory-brick chamber and ceramic-fiber chamber are optional).

With excellent door seal, thermal loss is minimised and temperature evenness is increased in the chamber.

Complies to: EN 196-2 (EN 196-21), EN 459-2, EN 13454-2

## Standards

EN 196-2, EN 459-2, EN 13454-2, BS 1016-4, ISO 344, ISO 1171, ASTM D2361, ASTM D2795, ASTM D3714

## Specification

External dimensions (l x w x h)	545 x 385 x 400 mm
Work chamber dimensions (l x w x h)	300 x 200 x 120 mm
Capacity	7 litres
Maximum temperature	1200 °C
Electrical supply	220 – 240 V AC, 50 - 60 Hz, 1 ph
Power supply	2500 W
Weight	130 kg

## Spares/Consumables



## Controller, for use in 83-4170/01

Code: [83-4170/11](#)



## Element heating for use in 83-4170

Code: [83-4170/14](#)



## Element/Chamber complete, heating, for use in 83-4170/01

Code: [83-4170/12](#)



## Refractory brick for 83-4170/01

Code: [83-4170/13](#)



## Thermostat, KGrade, 370 long, dia 2.5, for 83-4170/01

Code: [83-4170/10](#)

## Alternatives



## Heat of Hydration Apparatus

Code: [38-4600/01](#)



## Heat of Hydration Apparatus

Code: [38-4600/06](#)



## Rotatest 1500

Code: [45-3810/01](#)



## Rotatest 3000

Code: [45-3815/01](#)