

## A022 MUFFLE FURNACE 1100 °C

STANDARDS: EN 12697-1 clause C, EN 13108

Designed for high temperature heatings.

Structure composed of in sheet-steel, frontal furnace in diecasted steel to avoid the aggreton of the acid smokes. The thermic insulation in ceramic fibre avoids the smallest heating leakage saving energy accordingly. Electronic regulation of the temperature is obtained through a digital thermostat. This furnace is also used for the determination of residual mineral matter deriving the incineration of bituminous mixtures to (EN 12697-1 clause C Standard).

Max. temperature: 1100 °C

Chamber stability:  $\pm 1$  °C

Chamber uniformity: absolute

The chamber is made with refractory material and it is not suitable to test aggressive chemical samples.

Inside dimensions: 200 x 300 x (h) 140 mm

Useful volume: 8.4 litres

Outside dimensions: 500 x 700 x (h)650 mm

**Power supply:** 230V 1ph 50-60Hz 3.2kW

**Weight:** 60 kg approx.

**A022-01:** Identical to A022 but with max. temperature of 1200 °C

## A024 CERAMIC FURNACE 1100 °C

STANDARDS: EN 196-2, 196-21, 459-2

Used to determine the loss on ignition of cement and lime; chloride, carbon dioxide, alkali content of cement.

Max. temperature: 1100 °C

Chamber stability:  $\pm 1$  °C

Chamber uniformity: absolute

The chamber, ceramic made, is resistant to aggressive chemical material samples.

Inside dimensions: 145 x 250 x (h) 100 mm

Useful volume: 3.6 litres

Outside dimensions: 400 x 580 x (h)540 mm

**Power supply:** 230V 1ph 50-60Hz 2kW

**Weight:** 35 kg approx.

**A024-01:** Identical to A024 but with max. temperature of 1200 °C

NEW



A024

NEW



A022

## A023 MUFFLE FURNACE 1100 °C

This furnace is also suitable for the "Determination of resistance to thermal shock of aggregates according to EN 1367-5 Specification".

Max. temperature: 1100 °C

Chamber stability:  $\pm 1$  °C

Chamber uniformity: absolute

The chamber is made with refractory material and it is not suitable to test aggressive chemical samples.

Inside dimensions: 300 x 470 x (h) 180 mm

Useful volume: 25.4 litres

Outside dimensions: 580 x 920 x (h) 750 mm

**Power supply:** 230V 1ph 50-60Hz 5kW

**Weight:** 105 kg approx.

**A023-01:** Identical to A023 but with max. temperature of 1200 °C

NEW



A023-01

### ACCESSORY for all Muffle Furnaces

**A023-11** TEMPERATURE TO SET CYCLES PROGRAMMER.