

MUFFLE FURNACES

STANDARDS: EN 12697-1 Clause C, EN 13108

Designed for high temperature heating.

The thermic insulation is in ceramic fiber to avoid the smallest heating leakage and so it takes a great energetic saving.

Electronic visualized regulation of the temperature obtained by a digital thermostat.

Muffle Furnaces has Programmable PID Microprocessor Control System, Digital Display, Easy to use Control Panel and a wide flue to eliminate the chemical smoke.



HR-A0602

Technical Specifications:

| Product Code | Product Name | Max. Temp. (°C) | Cont. Op. Temp. (°C) | Volume (L) | Int. Dimensions (cm) | Ext. Dimensions (cm) | Power (kW) | Phase (hp) |
|--------------|----------------|-----------------|----------------------|------------|----------------------|----------------------|------------|------------|
| HR-A0600 | Muffle Furnace | 1100 | 1050 | 4.0 | 13x22x13 | 33x52x49 | 220/2 | 1 |
| HR-A0602 | Muffle Furnace | 1100 | 1050 | 7.0 | 17x22x17 | 37x52x55 | 220/3 | 1 |
| HR-A0604 | Muffle Furnace | 1100 | 1050 | 12.0 | 20x34x14 | 42x65x55 | 380/6 | 3 |
| HR-A0606 | Muffle Furnace | 1100 | 1050 | 22.0 | 27x40x21 | 53x70x47 | 380/11 | 3 |
| HR-A0608 | Muffle Furnace | 1200 | 1050 | 4.0 | 13x22x13 | 33x52x49 | 220/2 | 1 |
| HR-A0610 | Muffle Furnace | 1200 | 1050 | 7.0 | 17x22x17 | 37x52x55 | 220/3 | 1 |

Temperature Sensitivity: ± 2 °C,
Internal Surface Material: Fiber plate and Fire Brick,
Ext. Surface Material: Steel with Electrostatic Powder Paint

HIGH TEMPERATURE MUFFLE FURNACE

STANDARDS: EN 12697-1 Clause C, EN 13108

High Temperature Muffle Furnaces available with brick and fiber insulation elements, with a wide variety of options, these models can be optimally used for your general procedures.

The furnaces cover a range from 1100°C to 1400°C, all of which have front loading for easy operation and double skin construction to maintain a cooler outer case.

Typical applications for the product is melting, thermal ageing, ceramics sintering, metal heat treatment, chemical decomposition and thermal shock testing.



HR-A0612

Technical Specifications:

| Product Code | Product Name | Max. Temp. (°C) | Cont. Op. Temp. (°C) | Volume (L) | Int. Dimensions (cm) | Ext. Dimensions (cm) | Power (kW) | Phase (hp) |
|--------------|----------------|-----------------|----------------------|------------|----------------------|----------------------|------------|------------|
| HR-A0612 | Muffle Furnace | 1200 | 1150 | 7.0 | 20x25x14 | 55x58x65 | 220/2.0 | 1 |
| HR-A0614 | Muffle Furnace | 1200 | 1150 | 10.0 | 20x25x20 | 56x64x72 | 220/3.6 | 1 |
| HR-A0616 | Muffle Furnace | 1200 | 1150 | 15.0 | 22x30x23 | 56x64x72 | 220/3.6 | 1 |
| HR-A0618 | Muffle Furnace | 1200 | 1150 | 30.0 | 28x38x28 | 59x69x79 | 380/6 | 3 |
| HR-A0620 | Muffle Furnace | 1200 | 1150 | 45.0 | 30x50x30 | 66x81x82 | 380/7.5 | 3 |
| HR-A0622 | Muffle Furnace | 1300 | 1250 | 7.0 | 20x25x14 | 55x58x65 | 220/2.45 | 1 |
| HR-A0624 | Muffle Furnace | 1300 | 1250 | 10.0 | 20x25x20 | 56x64x72 | 220/3.6 | 1 |
| HR-A0626 | Muffle Furnace | 1300 | 1250 | 15.0 | 22x30x23 | 56x64x72 | 220/3.6 | 1 |
| HR-A0628 | Muffle Furnace | 1300 | 1250 | 30.0 | 28x38x28 | 59x69x79 | 380/6.0 | 3 |
| HR-A0630 | Muffle Furnace | 1300 | 1250 | 45.0 | 30x50x30 | 66x81x82 | 380/7.5 | 3 |
| HR-A0632 | Muffle Furnace | 1400 | 1350 | 5.25 | 15x25x14 | 55x58x65 | 380/3.3 | 3 |
| HR-A0634 | Muffle Furnace | 1400 | 1350 | 9.0 | 20x25x18 | 56x64x72 | 380/4.4 | 3 |
| HR-A0636 | Muffle Furnace | 1400 | 1350 | 15.0 | 22x31x22 | 59x69x79 | 380/5.8 | 3 |
| HR-A0638 | Muffle Furnace | 1400 | 1350 | 29.7 | 25x44x27 | 66x73x80 | 380/11.5 | 3 |

Temperature Sensitivity: ± 2 °C,
Internal Surface Material: Fiber plate and Fire Brick,
Ext. Surface Material: Steel with Electrostatic Powder Paint