

TECHNICAL DATA SHEET

Muffle Furnace AMFH1200

Muffle furnace · RT to 1200 °C · ± 5 °C · 0–10 °C/min · atmosphere



AMFH1200 — muffle furnace, RT to 1200 °C.

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SECTION I

Product Description

AMFH1200 is a muffle furnace that provides a highly stable thermal environment for materials heat treatment such as sintering and annealing. Its ceramic-fiber-reinforced furnace chamber and armored thermal-insulation shell are designed for long service life.

Electric heating covers room temperature to 1200 °C at ± 5 °C stability with a 0–10 °C/min control rate. The furnace measures 296 × 282 × 406 mm outside with a 100 × 100 × 118 mm atmosphere chamber, at 21 kg net — covering materials synthesis, property testing, and high-temperature process R&D.

SECTION II

Specifications

AMFH1200 — Specifications	
Model #	AMFH1200
SKU #	EIMF1200
Heating Method	Electric heating
Temperature Range	RT ~ 1200 °C
Temperature Stability	± 5 °C
Temperature Control Rate	0 ~ 10 °C/min
Dimensions	296 × 282 × 406 mm
Chamber Size	100 × 100 × 118 mm
Chamber	Atmosphere
Net Weight	21 kg

SECTION III

Application Fields

- Sintering
- Annealing
- Materials synthesis
- Property testing
- High-temperature process R&D

SECTION IV

Configuration

Basic configuration (per furnace): 1 × main unit (muffle furnace), plus connection cables and accessories. Final applicability and configuration are confirmed at quotation.

The AMFH1200 is supplied by quotation: request via the product page at www.acsmaterial.com; our engineers confirm the configuration for your process and reply with pricing and lead time.

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