HEAT TREATMENT FURNACES

Muffle Furnace

Electric muffle furnace for lab tests, small heat treatment and ashing, up to 1,200°C.



TEMPERATURE
Up to 1,200°C

HEATING
Electric

INDUSTRIES
Laboratories, tool rooms, quality control, education

Specifications

Maximum temperature	up to 1,200°C
Controller ranges	0–400°C, 0–600°C or 0–1,200°C
Elements	Kanthal coil in 85 mm element bricks
Insulation	230 mm insulation brick or ceramic fibre
Low-temperature version	3 zones × 6 kW sealed elements, 300°C
Controls	digital PID; thyristor and ramp/soak programmer optional
Safety	over-temperature cut-out, door switch
Sizes	laboratory and tool-room chambers, custom on request

Features

- Clean, even heat inside an enclosed chamber
- Controller range matched to your use
- Long-life Kanthal elements
- Ramp and soak programming option
- Safe, insulated outer casing
- Compact bench or floor models

Applications

- Ash and loss-on-ignition testing
- Hardening and tempering small tools
- Heat treating test samples
- Annealing and sintering small parts
- Teaching and research labs