

Tube Furnace LD-LTF-C36

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Overview

Tube Furnace LD-LTF-C36 is a 1300°C continuous working temperature comprised ultimate design tube furnace comes with 1010 mm of tube length with 75 mm diameter and 800 mm heated zone. Incorporated with software based PID control with 4 lines LCD display, it offers 1 to 20°C/min of thermal rate. Designed ergonomically with K-type thermocouple and thermal shock resistant tubes, it provides 16 steps heating program with 6 preset programs. With dual shell housing and durable inside lining of light insulating bricks, it is provided with gas inlet and evacuation system option for protective atmosphere.

Features:

- Different designed tube furnaces with 1010 mm of tube length with 75 mm diameter and 800 mm heated zone
- 1300°C continuous working temperature with 1 to 20°C/min of thermal rate
- Software based PID control with 4 lines LCD display for precise operation
- Designed ergonomically with K-type thermocouple and thermal shock resistant tubes
- Steps heating program with custom preset programs
- Dual shell housing and durable inside lining of light insulating bricks
- Gas inlet and evacuation system option for protective atmosphere
- Accurate measurement and temperature control with high precision

Applications:

Tube furnace is used for purification, coating, drying, hardening or ageing of samples, for annealing, brazing, calcination, degassing, sintering, soldering, sublimation, synthesis, and tempering, thermocouple calibration, in the testing of fuel cells, or in catalyst research.

Specifications:

Type	Ultimate
Power	2800 W
Display	4 lines
Housing	Steel sheet with epoxy powder coating
Net weight	57 kg
Heated zone	800 mm
Tube length	1010 mm
Gross weight	68 kg
Thermal rate	1 to 20°C/min
Thermocouple	K-type

Tube diameter	75 mm
Heating element	Fe-Cr-Al
Heating program	16 steps
Maximum current	13A
Program memories	6
Dimension (W×D×H)	994×449×529 mm
Working temperature	1300°C
Homogeneous Hot Zone	267 mm at ±10°C
Inner insulation material	Ceramic-fibre blanket
Packaging dimension (W×D×H)	985×495×688 mm