Tube Furnace LD-LTF-C30

Labodam Equipment Ltd.
info@labodam.com | www.labodam.com

Tube Furnace LD-LTF-C30

Overview

Tube Furnace LD-LTF-C30 is a 1300°C continuous working temperature comprised standard design tube furnace comes with 810 mm of tube length with 75 mm diameter and 600 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 4 steps heating program with 2 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 810 mm of tube length with 75 mm diameter and 600 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	Standard
Power	2500 W
Display	4 lines
Housing	Steel sheet with epoxy powder coating
Net weight	46 kg
Heated zone	600 mm
Tube length	810 mm
Gross weight	56 kg
Thermal rate	1 to 20°C/min
Thermocouple	K-type

Tube diameter	75 mm
Heating element	Fe-Cr-Al
Heating program	4 steps
Maximum current	12A
Program memories	2
Dimension (W×D×H)	794×449×529 mm
Working temperature	1300°C
Homogeneous Hot Zone	200 mm at ±10°C
Inner insulation material	Ceramic-fibre blanket
Packaging dimension (W×D×H)	835×495×688 mm