Tube Furnace LD-LTF-C11

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

Tube Furnace LD-LTF-C11

Overview

Tube Furnace LD-LTF-C11 is an extended type of tube furnace comprised with 1300°C continuous working temperature, offers 420 mm length tube with 20 mm diameter, 250 mm heated zone with 1 to 20°C/min of thermal rate. Incorporated with software based PID control and 4 lines LCD display, it offers 8 step heating program with 4 preset program. Designed ergonomically with K-type thermocouple and thermal shock resistant tubes, it has dual shell housing and durable inside lining of light insulating bricks with gas inlet and evacuation system option for protective atmosphere.

Features:

- Different types of tube furnace with 1300°C continuous working temperature
- Tube furnace designs offer 250 mm of heated zone with 1 to 20°C/min of thermal rate
- Software based PID control with 4 lines LCD display, ensures precision and reliability
- Ergonomic design with step heating program and custom preset programs
- K-type thermocouple and thermal shock resistant tubes
- Dual shell housing and durable inside lining of light insulating bricks
- Gas inlet and evacuation system option for protective atmosphere
- High-efficient, precise, stable and reliable with easy and convenient operation

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	Extended
Power	1100 W
Display	4 lines
Housing	Steel sheet with epoxy powder coating
Net weight	14 kg
Heated zone	250 mm
Tube length	420 mm
Gross weight	20 kg
Thermal rate	1 to 20°C/min
Thermocouple	K-type
Tube diameter	20 mm

Heating element	Fe-Cr-Al
Heating program	8 steps
Maximum current	5A
Program memories	4
Dimension (W×D×H)	424×315×420 mm
Working temperature	1200°C
Homogeneous Hot Zone	84 mm at ±10°C
Inner insulation material	Ceramic-fibre blanket
Packaging dimension (W×D×H)	470×361×579 mm