

Tube Furnace LD-LTF-B26

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Overview

Tube Furnace LD-LTF-B26 is an ultimate type of tube furnace comprised with 660 mm tube length and 50 mm diameter with 450 mm heat zone and 1200°C continuous working temperature. Features software based PID control with 4 lines LCD display and 16 steps heating program with 6 preset programs and 1 to 20°C/min of thermal rate. With K-type thermocouple and thermal shock resistant tubes, it can withstand extreme and rapid changes in temperature. Designed with dual shell housing and durable inside lining of light insulating bricks, this tube furnace is with gas inlet and evacuation system option for protective atmosphere, makes it an ideal unit for homogeneous temperature distribution and reliable protective atmosphere.

Features:

- Ultimate type tube furnace design with 660 mm tube length and 50 mm diameter with 450 mm heat zone and and 1200°C continuous working temperature
- Software based PID control with 4 lines LCD display, ensures precision and stability
- Steps heating program with custom preset program and 1 to 20°C/min of thermal rate
- K-type thermocouple and thermal shock resistant tubes
- Can withstand extreme and rapid changes in temperature
- Dual shell housing and durable inside lining of light insulating bricks
- Gas inlet and evacuation system option for protective atmosphere
- An ideal unit for homogeneous temperature distribution and reliable 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	Ultimate
Power	1500 W
Display	4 lines
Housing	Steel sheet with epoxy powder coating
Net weight	29 kg
Heated zone	450 mm
Tube length	660 mm
Gross weight	37 kg
Thermal rate	1 to 20°C/min

Thermocouple	K-type
Tube diameter	50 mm
Heating element	Fe-Cr-Al
Heating program	16 steps
Maximum current	7A
Program memories	6
Dimension (W×D×H)	634×384×476 mm
Working temperature	1200°C
Homogeneous Hot Zone	150 mm at ±10°C
Inner insulation material	Ceramic-fibre blanket
Packaging dimension (W×D×H)	675×430×635 mm