



TUBE FURNACE

LTF-B3 SERIES

Tube Furnace LTF-B30

Tube Furnace LTF-B30 is a 1200°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.

Tube Furnace LTF-B31

Tube Furnace LTF-B31 is a 1200°C continuous working temperature comprised extended 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 8 steps heating program with 4 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.

Tube Furnace LTF-B32

Tube Furnace LTF-B32 is a 1200°C continuous working temperature comprised ultimate 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 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.

Tube Furnace LTF-B33

Tube Furnace LTF-B33 is a 1200°C continuous working temperature comprised scientific 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 32 steps heating program with 5 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.

Tube Furnace LTF-B34

Tube Furnace LTF-B34 is a 1200°C continuous working temperature comprised standard 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 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.

Tube Furnace LTF-B35

Tube Furnace LTF-B35 is a 1200°C continuous working temperature comprised extended 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 8 steps heating program with 4 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.

Tube Furnace LTF-B36

Tube Furnace LTF-B36 is a 1200°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.

Tube Furnace LTF-B37

Tube Furnace LTF-B37 is a 1200°C continuous working temperature comprised scientific 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 32 steps heating program with 5 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 (LTF-B30 to LTF-B33)
- ❑ Different designed tube furnaces with 1010 mm of tube length with 75 mm diameter and 800 mm heated zone (LTF-B34 to LTF-B37)
- ❑ 1200°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

Application

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 (LTF-B30 to LTF-B33)

Model	LTF-B30	LTF-B31	LTF-B32	LTF-B33
Type	Standard	Extended	Ultimate	Scientific
Program memories	2	4	6	5
Heating program	4 steps	8 steps	16 steps	32 steps
Working temperature	1200°C			
Tube length	810 mm			
Tube diameter	75 mm			
Heated zone	600 mm			
Thermal rate	1 to 20°C/min			
Homogeneous Hot Zone	200 mm at ±10°C			
Thermocouple	K-type			
Heating element	Fe-Cr-Al			

Inner insulation material	Ceramic-fibre blanket
Housing	Steel sheet with epoxy powder coating
Display	4 lines
Maximum current	12 A
Power	2500 W
Dimension (W×D×H)	794×449×529 mm
Net weight	46 kg
Packaging dimension (W×D×H)	835×495×688 mm
Gross weight	56 kg

Specifications (LTF-B34 to LTF-B37)

Model	LTF-B34	LTF-B35	LTF-B36	LTF-B37
Type	Standard	Extended	Ultimate	Scientific
Program memories	2	4	6	5
Heating program	4 steps	8 steps	16 steps	32 steps
Working temperature	1200°C			
Tube length	1010 mm			
Tube diameter	75 mm			
Heated zone	800 mm			
Thermal rate	1 to 20°C/min			
Homogeneous Hot Zone	267 mm at ±10°C			
Thermocouple	K-type			
Heating element	Fe-Cr-Al			
Inner insulation material	Ceramic-fibre blanket			
Housing	Steel sheet with epoxy powder coating			
Display	4 lines			
Maximum current	13 A			

Power	2800 W
Dimension (W×D×H)	994×449×529 mm
Net weight	57 kg
Packaging dimension (W×D×H)	985×495×688 mm
Gross weight	68 kg