



Tube Furnace LTF-C3 Series

Tube Furnace LTF-C30


Tube Furnace 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.

Tube Furnace LTF-C31

Tube Furnace LTF-C31 is a 1300°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-C32

Tube Furnace LTF-C32 is a 1300°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-C33


Tube Furnace LTF-C33 is a 1300°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-C34

Tube Furnace LTF-C34 is a 1300°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-C35

Tube Furnace LTF-C35 is a 1300°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-C36

Tube Furnace 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.

Tube Furnace LTF-C37

Tube Furnace LTF-C37 is a 1300°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-C30 to LTF-C33)
- ❑ Different designed tube furnaces with 1010 mm of tube length with 75 mm diameter and 800 mm heated zone (LTF-C34 to LTF-C37)
- ❑ 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

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-C30 to LTF-C33)

Model	LTF-C30	LTF-C31	LTF-C32	LTF-C33
Type	Standard	Extended	Ultimate	Scientific
Program memories	2	4	6	5
Heating program	4 steps	8 steps	16 steps	32 steps
Working temperature	1300°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-C34 to LTF-C37)

Model	LTF-C34	LTF-C35	LTF-C36	LTF-C37
Type	Standard	Extended	Ultimate	Scientific
Program memories	2	4	6	5
Heating program	4 steps	8 steps	16 steps	32 steps
Working temperature	1300°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			