



Tube Furnace LTF-B2 Series

Tube Furnace LTF-B20

Tube Furnace LTF-B20 is a standard type of tube furnace comprised with 510 mm tube length and 50 mm diameter with 300 mm heat zone and 1200°C continuous working temperature. Features software based PID control with 4 lines LCD display and 4 steps heating program with 2 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.

Tube Furnace LTF-B21

Tube Furnace LTF-B21 is an extended type of tube furnace comprised with 510 mm tube length and 50 mm diameter with 300 mm heat zone and 1200°C continuous working temperature. Features software based PID control with 4 lines LCD display and 8 steps heating program with 4 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.

Tube Furnace LTF-B22

Tube Furnace LTF-B22 is an ultimate type of tube furnace comprised with 510 mm tube length and 50 mm diameter with 300 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.

Tube Furnace LTF-B23

Tube Furnace LTF-B23 is a scientific type of tube furnace comprised with 510 mm tube length and 50 mm diameter with 300 mm heat zone and 1200°C continuous working temperature. Features software based PID control with 4 lines LCD display and 32 steps heating program with 5 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.

Tube Furnace LTF-B24

Tube Furnace LTF-B24 is a standard 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 4 steps heating program with 2 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.

Tube Furnace LTF-B25

Tube Furnace LTF-B25 is an extended 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 8 steps heating program with 4 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.

Tube Furnace LTF-B26

Tube Furnace 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.

Tube Furnace LTF-B27

Tube Furnace LTF-B27 is a scientific 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 32 steps heating program with 5 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

- ❑ Different tube furnace designs with 510 mm tube length and 50 mm diameter with 300 mm heat zone and 1200°C continuous working temperature (LTF-B20 to LTF-B23)
- ❑ Different tube furnace designs with 660 mm tube length and 50 mm diameter with 450 mm heat zone and 1200°C continuous working temperature (LTF-B24 to LTF-B27)
- ❑ 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

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-B20 to LTF-B23)

Model	LTF-B20	LTF-B21	LTF-B22	LTF-B23
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	510 mm			
Tube diameter	50 mm			
Heated zone	300 mm			
Thermal rate	1 to 20°C/min			
Homogeneous Hot Zone	100 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	7 A			
Power	1350 W			
Net weight	23 kg			

Packaging dimension (WxDxH)	525x430x635 mm
Gross weight	30 kg

Specifications (LTF-B24 to LTF-B27)

Model	LTF-B24	LTF-B25	LTF-B26	LTF-B27
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	660 mm			
Tube diameter	50 mm			
Heated zone	450 mm			
Thermal rate	1 to 20°C/min			
Homogeneous Hot Zone	150 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	7 A			
Power	1500 W			
Dimension (WxDxH)	634x384x476 mm			
Net weight	29 kg			
Packaging dimension (WxDxH)	675x430x635 mm			
Gross weight	37 kg			