BIOLAB

PRODUCT CATALOG

TUBE FURNACE BFTU-1100-38-450

CE ISO9001 CERTIFIED

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TUBE FURNACE BFTU-1100-38-450

STANDARD TUBE FURNACES

- In need of homogeneous temperature distribution or reliable gas protective atmosphere tube furnaces are the best solution.
- Specifically engineered for absolute accuracy of temperature measurement.
- Optional gas inlet and purge systems for protective gas atmosphere.
- Thermal shock resistant tubes.
- Precise temperature control for a wide range of working temperatures.
- ±1 °C control accuracy
- Ideal for a variety of applications.
- Thanks to the SSR driven duty cycle control algorithm, accurate temperature control.
- The 4 line display with the menu makes it easy to use.
- Optional gas connection gas flanges.

SPECIFICATIONS

Model	BFTU-1100-38-450
Working Temperature	1100 °C
Tube Inner Diameter(mm)	38
Hot Zone Length (mm)	450
±10°C Homogeneous Hot Zone Length [mm]	150
Tube Length [mm]	660
Product Outer Dimensions [mm] WxDxH	W634 D369 H464
Net Weight [kg]	27
Gross Dimensions [mm] WxLxD	W675 D420 H635
Gross Weight [kg]	35
Tube Length With GS [mm]	770
Product Outer Dimensions With GS [mm] WxDxH	W824 D369 H464
Net Weight With GS [kg]	33
Gross Dimensions With GS [mm] WxLxD	W865 D420 H635
Gross Weight With GS [kg]	41
Power [W]	1350
Max. Current [A]	7
Heating Element	Fe-Cr-Al
Thermocouple Type	K Type
Inner Insulation Material	Ceramic Fibre Blanket
Housing Material	Steel Sheet
Housing Coating	Epoxy powder coating
Software	BASIC B2
Software based PID Control	YES
Display	4 lines
Heating Program with	4 steps
Custom Preset Program	2
Heating Rate °C/min.	1-20
Date & Time	YES
Auto Start at Certain Date	NO

Show Remaining Waiting Time	NO
Skip the Waiting Step	NO
Temperature Calibration via Menu (±10°C)	NO
Sound Warnings at Step Changes	YES
Sound Warning at the End of the Program	YES
Total Working Hour Counter	YES
Calculator for Average Working Temperature	YES
Instantaneous Energy Consumption Indicator	NO
Over Heating Cut Off	YES
Open Door Sensor	OPTIONAL
PC Connection Kit	OPTIONAL
Warranty Period	2 Years
Note	* Only 5th memory supports 32 levels **Independent for each level
Alt Name	Standard Tube Furnaces

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