BioLAB

PRODUCT CATALOG

TUBE FURNACE BFTU-1100-20-250

CE ISO9001 CERTIFIED

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TUBE FURNACE BFTU-1100-20-250

Compact and reliable tube furnaces to meet your specific heating needs. These furnaces are microprocessor based with PID controller for excellent temperature controls to prevent overshoot from the setpoint. Durable heating resistors provide uniform heating with low energy consumption.
Used in Tube Furnaces are widely used for testing of novel materials and electronic components, heat treating, reaction studies, testing temperature sensors and sintering processes..

BFTU-1100-20-250 TUBE FURNACE

The Right Choice for a Homogeneous Temperature Distribution and Reliable Protective Atmosphere

High Precision Measurement of the Real Temperature of the Inner Chamber

Gas Inlet and Evacuation System Option for Protective Atmosphere

Thermal Shock Resistant Tubes

High-Precise Temperature Control over Wide Working Temperature Range

Accurate Measurement and Temperature Control with K Type Thermocouple

Second Thermocouple Option Adjustable for Different Processes

Programming with Easy-to-Understand Menu on 4-Line LCD Display

Low External Surface Temperature with Dual Layer Housing

Heating Elements which are Selected and Designed According to Their Proper Working Temperatures and Providing Fast Heating of the Furnace

Optional Features such as Protective Gas Connections, Flowmeter / Rotameter, Gas Regulator, Flange Applications, Vacuum Equipment, Vertical Design, Double Tube Design, PC Connection

SPECIFICATIONS

Model	BFTU-1100-20-250
Maximum Temperature	1100°C
Working Temperature	1100°C
Control Unit	B2
Controller Description	4x20 LCD / 4 Steps 2 Prog
Software Options	B2, E4, U8, S16
Control Accuracy	±1°C
Tube Inner Diameter	20 mm
Heated Zone Length	250 mm
±10°C Homogeneous Heated Zone Length	84 mm
Housing Material	Steel Sheet
Housing Coating	Epoxy Powder Coating
Inner Insulation Material	Ceramic Fibre Blanket
Thermocouple Type	K Type
Heating Element Type	Fe-Cr-Al
Tube Type	Mullit
Tube Length	420 mm
Outer Dimension (WxDxH)	424x315x420 mm
Gross Dimensions (WxDxH)	470x361x579 mm
Net Weight	14 Kg
Gross Weight	20 Kg

Tube Length*	530 mm
Outer Dimension (WxDxH)*	604x315x420 mm
Gross Dimensions (WxDxH)*	650x361x579 mm
Net Weight*	19 Kg
Gross Weight*	26 Kg
Gas Connection	Optional
Power	1100 W
Maximum Current	5 A
Power Supply	220V / 50Hz

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