# Infitek

# **MUFFLE FURNACES**







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## Muffle Furnace, 1200°C High Temp, Box Type

FNC-BX1200-1 FNC-BX1200-2II FNC-BX1200-3 FNC-BX1200-6 FNC-BX1200-9





#### **Key Features**

1200°C maximum operating temperature.

High purity fibrous alumina insulation for maximum energy saving.

PID automatic control via current limiting phase angle fired the resistor, e.g. SCR (Silicon Controlled Rectifier).

Power control with 30 segments programmable.



### Optional

- $\ensuremath{\textcircled{1}}$  Different chamber size for your choose.
- 2 Touch screen (with USB interface)
- ③ Computer connection software, control equipment (RKC, 16-segment program + interface + software)

Note: You can only choose one between  $\ensuremath{\mathfrak{D}}$  and  $\ensuremath{\mathfrak{T}}$ 



#### **Please Note**

Heat up rate is measured by using an empty chamber.

Holding power is measured at continuous operating temperature.





FNC-BX1200-1





FNC-BX1200-2II FNC-BX1200-3 FNC-BX1200-6 FNC-BX1200-9

### Specifications



Double layer steel structure with air cooling fan to keep furnace's exteriors safe to touch.

Safety interlock with automatic power off the furnace when door is opened. (Optional)

FNC-BX1200-1 FNC-BX1200-2II FNC-BX1200-3 FNC-BX1200-6 Model FNC-BX1200-9 Max. temp (°C) 1200 ≤1100 Continuous working temp. (°C) Heating rate  $0 \sim 30^{\circ}$  / min, suggest to be 15  $^{\circ}$  / min Temperature Accuracy (℃) ±1 Uniformity (℃) ±5 100\*100\*100 150\*200\*150 200\*300\*120 200\*300\*200 300\*400\*300 Chamber Dimension(W\*D\*H)(mm) (Or customize as your requirement) External Size(W\*D\*H)(mm) 350\*470\*570 510\*700\*810 470\*700\*640 550\*700\*895 640\*850\*1050 Capacity(L) 7.2 12 36 **Heating Element** Resistance wire with Mo Thermocouple K type Chamber Material High purity alumina polycrystalline fiber Electricity AC 220V, 50Hz/60Hz AC 220V, 50Hz/60Hz AC 220V, 50Hz/60Hz AC 220V, 50Hz/60Hz AC 380V, 50Hz/60Hz Max. Consumption (kW) 6

## Muffle Furnace, High Temp, Box Type

FNC-BX1400-2 FNC-BX1400-4 FNC-BX1400-9 FNC-BX1400-16 FNC-BX1700-2 FNC-BX1700-4 FNC-BX1700-9 FNC-BX1700-16





#### **Key Features**

1400°C, 1700°C maximum operating temperature.

High purity fibrous alumina insulation for maximum energy saving.

PID automatic control via current limiting phase angle fired the resistor, e.g. SCR (Silicon Controlled Rectifier).

Power control with 30 segments programmable.



### **Optional**

- ① Different chamber size for your choose.
- 2 Touch screen (with USB interface)
- ③ Computer connection software, control equipment (RKC, 16-segment program + interface + software)

Note: You can only choose one between ② and ③



#### Please Note

Heat up rate is measured by using an empty chamber.

Holding power is measured at continuous operating temperature.



Double layer steel structure with air cooling fan to keep furnace's exteriors safe to touch.

Safety interlock with automatic power off the furnace when door is opened. (Optional)





FNC-BX1400-2 FNC-BX1700-2





FNC-BX1400-4 FNC-BX1700-4 FNC-BX1400-9 FNC-BX1700-9 FNC-BX1400-16 FNC-BX1700-16

### **Specifications**

Model		FNC-BX1400-2	FNC-BX1400-4	FNC-BX1400-9	FNC-BX1400-16	
	Max. temp (°C)	1400				
Temperature	Continuous working temp. (°C)	≤1300				
remperature	Heating rate	0 ~ 30 ℃/ min, su	iggest to be 10°€/ i	min;		
	Accuracy (°C)	±1				
	Uniformity (C)	±5				
Chamber Dimension (W*D*H)(mm)		100*100*100	150*200*150	200*300*200	300*400*300	
Chamber birn	lension (w.p.u)(min)	(Or customize a	s your requiremen	t)		
External Size(V	External Size(W*D*H)(mm)		510*700*810	550*700*895	640*850*1050	
Capacity (L)		1	4.5	12	36	
Heating Element		SiC heating rod				
Thermocouple		S type				
Chamber Material		Alumina Ceramic fiber				
Electricity		AC 220V, 50Hz/60Hz AC 380V, 50Hz/60				
Max. Consum	otion (kW)	2	4	9	16	
Model		FNC-BX1700-2	FNC-BX1700-4	FNC-BX1700-9	FNC-BX1700-16	
	Max. temp (°C)	1700				
Tomporaturo	Continuous working temp. ( $^{\circ}$ )	≤1550				
Temperature	Heating water	0 ~ 30 °C/ min, suggest to be 5 ~ 10 °C/ min				
	Heating rate	±]				
	Accuracy (°C)					
Chambor Dim	Accuracy (°C) Uniformity (°C)	±1	150*200*150	200*300*200	300*400*300	
Chamber Dim	Accuracy (°C)	±1 ±5 100*100*100	150*200*150 s your requiremen		300*400*300	
Chamber Dim	Accuracy (C) Uniformity (C) ension (W*D*H)(mm)	±1 ±5 100*100*100			300*400*300 640*850*1050	
	Accuracy (C) Uniformity (C) ension (W*D*H)(mm)	±1 ±5 100*100*100 (Or customize a	s your requiremen	t)		
External Size(V	Accuracy (C) Uniformity (C)  dension (W*D*H)(mm)  W*D*H)(mm)	±1 ±5 100*100*100 (Or customize a	s your requiremen 510*700*805 4.5	t) 550*700*895	640*850*1050	
External Size(V	Accuracy (C) Uniformity (C) Hension (W*D*H)(mm) W*D*H)(mm)	±1 ±5 100*100*100 (Or customize a 350*470*570	s your requiremen 510*700*805 4.5	t) 550*700*895	640*850*1050	
External Size(V Capacity (L) Heating Eleme	Accuracy (C) Uniformity (C) Tension (W*D*H)(mm) W*D*H)(mm)  Pent	±1 ±5 100*100*100 (Or customize a 350*470*570 1 MoSi2 heating re	s your requiremen 510*700*805 4.5	t) 550*700*895	640*850*1050	
External Size(V Capacity (L) Heating Eleme Thermocouple	Accuracy (C) Uniformity (C) Tension (W*D*H)(mm) W*D*H)(mm)  Pent	±1 ±5 100*100*100 (Or customize a 350*470*570 1 MoSi2 heating ro B type	s your requiremen 510*700*805 4.5	t) 550*700*895	640*850*1050 36	

FNC-AS1700-2

## Muffle Furnace, High Temp

FNC-AS1700-4

FNC-AS1200-1 FNC-AS1200-2 FNC-AS1200-6 FNC-AS1200-9 FNC-AS1400-2 FNC-AS1400-4 FNC-AS1400-9 FNC-AS1400-16

FNC-AS1700-9





#### **Key Features**

1200 °C, 1400 °C, 1700 °C maximum operating temperature.

FNC-AS1700-16

High purity fibrous alumina insulation for maximum energy saving.

PID automatic control via current limiting phase angle fired the resistor, e.g. SCR (Silicon Controlled Rectifier).

Power control with 30 segments programmable.



Double layer steel structure with air cooling fan to keep furnace's exteriors safe to touch.

Safety interlock with automatic power off the furnace when door is opened. (Optional)

Box type atmosphere muffle furnace is suitablefor the colleges and universities, research institutes, industrial and mining enterprises do protective atmosphere sintering use. It is an ideal equipment in the reductive atmosphere. A uniform temperature field, heating rate, energy saving, can inlet various gases, etc.



## Optional

- ① Different chamber size for your choose.
- 2 Touch screen (with USB interface)
- ③ Computer connection software, control equipment (RKC, 16-segment program + interface + software)

Note: You can only choose one between ② and ③



#### **Please Note**

Heat up rate is measured by using an empty

Holding power is measured at continuous operating temperature.

### **Specifications**

Model		FNC-AS1200-1	FNC-AS1200-2	FNC-AS1200-6	FNC-AS1200-9			
	Max. temp (°C)	1200		·				
Temperature	Continuous working temp. (°C)	≤1100	≤1100					
	Heating rate	0 ~ 30°C/ min, s	0 ~ 30 °C/ min, suggest to be 15 °C/ min;					
	Accuracy (°C)	±1						
	Uniformity (°C)	±5						
Chambar Dim	ension (W*D*H)(mm)	100*100*100	150*200*150	200*300*200	300*400*300			
Chamber birri	ension (w b n)(min)	(Or customize o	(Or customize as your requirement)					
External Size(V	V*D*H)(mm)	650*600*865	670*600*930	660*750*1020	830*910*1265			
Capacity (L)		1	4.5	12	36			
Heating Eleme	ent	Resistance wire, Fe-Cr-Al Alloy doped by Mo						
Thermocouple	)	K type						
Chamber Mat	erial	Alumina ceramic fiberboard						
Electricity		AC 220V, 50Hz/60Hz AC380 V, 50Hz						
Gas available		all inert gases, mixed gases, nitrogen, oxygen, carbon monoxide, argon, etc.						
		One or more(optional) inlets can be set at the inlet end, each inlet is equipped						
Gas control		with a ball valve and connected to a vacuum gauge. The outlet end is connected						
Ous control		to an outlet hole	and a vacuum hole,	and all holes are equ	uipped with ball valves.			
		Equipped with a vacuum pump.						
Sealing metho	nd.	The furnace door	is milled with a flat	surface and a silicon	e strip is embedded in			
sealing metric	Ju	the seal, which ho	as strong sealing pe	rformance and is eas	sy to open and close.			
Max. Consump	otion (kW)	1	2	6	9			



## Specifications

Model		FNC-AS1400-2	FNC-AS1400-4	FNC-AS1400-9	FNC-AS1400-16			
····ouoi	Max. temp (°C)	1400		THE NOTICE C	THE NOTICE IS			
Temperature	Continuous working temp. (°C)	≤1300	≤1300					
	Heating rate	0 ~ 30 ℃/ min, su	0 ~ 30°C/ min, suggest to be 10°C/ min;					
	Accuracy (°C)	±l						
	Uniformity (°C)	±5						
Chambar Dim	ension (W*D*H)(mm)	100*100*100	150*200*150	200*300*200	300*400*300			
Chamber birn	iension (w·b·h)(mm)	(Or customize as your requirement)						
External Size(V	V*D*H)(mm)	650*600*865	620*650*930	660*750*1020	830*910*1265			
Capacity (L)		1	4.5	12	36			
Heating Eleme	ent	Silicon carbon rod						
Thermocouple	Э	S type						
Chamber Mat	erial	Alumina ceramic fiberboard						
Electricity		AC 220V, 50Hz/60Hz AC380V, 50Hz/6						
Gas available		all inert gases, mixed gases, nitrogen, oxygen, carbon monoxide, argon, etc.						
		One or more(optional) inlets can be set at the inlet end, each inlet is equipped						
Gas control		with a ball valve and connected to a vacuum gauge. The outlet end is connected						
Cas control		to an outlet hole and a vacuum hole, and all holes are equipped with ball valves.						
		Equipped with a vacuum pump.						
Sealing metho	od	The furnace door	is milled with a flat s	urface and a silicone	strip is embedded in			
oodiing metric	74	the seal, which has strong sealing performance and is easy to open and close.						
Max. Consum	otion (kW)	2	4	9	16			



## **Specifications**

Model		FNC-AS1700-2	FNC-AS1700-4	FNC-AS1700-9	FNC-AS1700-16			
Wiodei	Max. temp (°C)	1700	TNC A31700 4	THE AS1700 3	1100 A31700 10			
Temperature	Continuous working temp. (°C)	≤1550	≤1550					
	Heating rate	0~20°C/min, suggest to be 5-10°C/min;						
	Accuracy (°C)	±1						
	Uniformity (°C)	±5						
Chambar Dim	ension (W*D*H)(mm)	100*100*100	150*200*150	200*300*200	300*400*300			
Chamber birn	ension (w.p.u)(min)	(Or customize a	s your requiremen	it)				
External Size(W*D*H)(mm)		580*600*835	670*700*930	660*750*1020	830*910*1265			
Capacity (L)		1	4.5	12	36			
Heating Eleme	ent	Silicon molybdenum rod						
Thermocouple	e	B type						
Chamber Mat	erial	Alumina ceramic fiberboard						
Electricity		AC 220V, 50Hz/60Hz AC 380V, 50Hz/60Hz						
Gas available		all inert gases, mix	xed gases, nitrogen, o	oxygen, carbon mon	oxide, argon, etc.			
		One or more(optional) inlets can be set at the inlet end, each inlet is equipped						
Gas control		with a ball valve and connected to a vacuum gauge. The outlet end is connected						
ous control		to an outlet hole and a vacuum hole, and all holes are equipped with ball valves.						
		Equipped with a vacuum pump.						
Sealing metho	nd	The furnace door	is milled with a flat s	urface and a silicone	strip is embedded in			
Journal of the tric	,	the seal, which has strong sealing performance and is easy to open and close.						
Max. Consump	otion (kW)	2	4	9	16			

## Muffle Furnace, High Temp, Tube / Horizontal Type

FNC-TB1200-A2 FNC-TB1200-B2 FNC-TB1200-C2 FNC-TB1200-D2 FNC-TB1200-A3 FNC-TB1200-B3 FNC-TB1200-C3 FNC-TB1200-D3 FNC-TB1200-A4 FNC-TB1200-B4 FNC-TB1200-C4 FNC-TB1200-D4





#### **Key Features**

1200°C maximum operating temperature;

PID automatic control via current limiting phase angle fired the resistor, e.g. SC R (Silicon Controlled Rectifier);

30 segments "time-temperature curve" can be set arbitrarily.

The tube furnace uses high-purity quartz or alumina tubes as furnace tubes. The furnace tubes are designed to be installed horizontally and the temperature zone is designed to be single zone.



## Optional

Different chamber size for your choose.

Touch screen (with USB interface)

Computer connection software, control equipment (RKC, 16-segment program + interface + software) Note: You can only choose one between 2 and 3

Safety interlock with automatic power off the furnace when door is opened.



#### **Please Note**

Heat up rate is measured by using an empty chamber.

Holding power is measured at continuous operating temperature.





Double layer steel structure with air cooling fan to keep furnace's exteriors safe to touch.

### **Specifications**

		FNC-TB1200-A2	FNC-TB1200-B2	FNC-TB1200-C2	FNC-TB1200-D2		
Model	Model .		FNC-TB1200-B3	FNC-TB1200-C3	FNC-TB1200-D3		
		FNC-TB1200-A4	FNC-TB1200-B4	FNC-TB1200-C4	FNC-TB1200-D4		
Temperature  Max. temp (C)  Continuous working temp. (C)  Heating rate		1200	•				
		≤1100					
		0 ~ 20°C / min (suggest to be 0 ~ 10°C / min)					
	Accuracy (°C)	±l					
	Uniformity (°C)	±5					
Furnace tube	material	Quartz tube					
Total length of	furnace tube (mm)	2 Series: 800; 3 Series: 1000; 4 Series: 1000;					
Standard Hea	ting Zone Length (mm)	2 Series: 205; 3 Series: 350; 4 Series: 440;					
Standard Tube	e Diameter (mm)	∮ 40	∮ 60	∮80	∮100		
External Size(V	V*D*H)(mm)	2 Series: 505*420*646; 3 Series: 650*420*665; 4 Series: 740*420*668;					
Heating Element		Resistance wire					
Thermocouple	)	K type					
Chamber Mat	erial	Alumina ceramic fiber					
Electricity		AC 220V, 50Hz/60Hz					

## Muffle Furnace, High Temp, Tube / Horizontal Type

FNC-TB1400-A2 FNC-TB1400-B2 FNC-TB1400-C2 FNC-TB1400-D2 FNC-TB1400-A3 FNC-TB1400-B3 FNC-TB1400-C3 FNC-TB1400-D3 FNC-TB1400-A4 FNC-TB1400-B4 FNC-TB1400-C4 FNC-TB1400-D4





#### **Key Features**

1400°C maximum operating temperature;

PID automatic control via current limiting phase angle fired the resistor, e.g. SC R (Silicon Controlled Rectifier);

30 segments "time-temperature curve" can be set arbitrarily.

The tube furnace uses high-purity quartz or alumina tubes as furnace tubes. The furnace tubes are designed to be installed horizontally and the temperature zone is designed to be single zone.



### Optional

- ① Different chamber size for your choose.
- 2 Touch screen (with USB interface)
- ③ Computer connection software, control equipment (RKC, 16-segment program + interface + software)

Note: You can only choose one between ② and ③



#### **Please Note**

Heat up rate is measured by using an empty chamber.

Holding power is measured at continuous operating temperature.



Double layer steel structure with air cooling fan to keep furnace's exteriors safe to touch.

### **Specifications**

		FNC-TB1400-A2	FNC-TB1400-B2	FNC-TB1400-C2	FNC-TB1400-D2		
Model -		FNC-TB1400-A3	FNC-TB1400-B3	FNC-TB1400-C3	FNC-TB1400-D3		
		FNC-TB1400-A4	FNC-TB1400-B4	FNC-TB1400-C4	FNC-TB1400-D4		
Max. temp (°C)  Continuous working temp. (°C)		1400	,				
		≤1300					
Temperature	Heating rate	0 ~ 20 °C / min (suggest to be 0 ~ 10 °C / min)					
	Accuracy (°C)	±]					
	Uniformity (°C)	±5					
Furnace tube	material	Corundum tube					
Total length of	f furnace tube (mm)	2 Series: 800; 3 Series: 1000; 4 Series: 1200;					
Standard Hea	ting Zone Length (mm)	2 Series: 205; 3 Series: 350; 4 Series: 440;					
External Size(V	W*D*H)(mm)	∮ 40	∮ 60	∮80	∮100		
Standard Tub	e Diameter (mm)	2 Series: 630*590*767; 3 Series: 724*590*807; 4 Series: 794*590*800;					
Heating Eleme	ent	SiC heating rod					
Thermocouple	Э	S type					
Chamber Mat	erial	Alumina ceramic fiber					
Electricity		AC 220V, 50Hz/60Hz					

## Muffle Furnace, High Temp, Tube / Horizontal Type

FNC-TB1700-A2 FNC-TB1700-B2 FNC-TB1700-C2 FNC-TB1700-D2 FNC-TB1700-A3 FNC-TB1700-B3 FNC-TB1700-C3 FNC-TB1700-D3 FNC-TB1700-A4 FNC-TB1700-B4 FNC-TB1700-C4 FNC-TB1700-D4





#### **Key Features**

1700°C maximum operating temperature;

PID automatic control via current limiting phase angle fired the resistor, e.g. SC R (Silicon Controlled Rectifier);

30 segments "time-temperature curve" can be set arbitrarily.

The tube furnace uses high-purity quartz or alumina tubes as furnace tubes. The furnace tubes are designed to be installed horizontally and the temperature zone is designed to be single zone.



### Optional

- ① Different chamber size for your choose.
- 2 Touch screen (with USB interface)
- ③ Computer connection software, control equipment (RKC, 16-segment program + interface + software)

Note: You can only choose one between ② and ③



#### **Please Note**

Heat up rate is measured by using an empty chamber.

Holding power is measured at continuous operating temperature.



Double layer steel structure with air cooling fan to keep furnace's exteriors safe to touch.

### **Specifications**

	Model -		FNC-TB1700-B2	FNC-TB1700-C2	FNC-TB1700-D2		
Model			FNC-TB1700-B3	FNC-TB1700-C3	FNC-TB1700-D3		
		FNC-TB1700-A4	FNC-TB1700-B4	FNC-TB1700-C4	FNC-TB1700-D4		
Max. temp (°C)		1700	'				
Temperature	Continuous working temp. (C)	≤1550					
Heating rate		0 ~ 20 °C / min (suggest to be 0 ~ 10 °C / min)					
	Accuracy (°C)	±]					
	Uniformity (°C)	±5					
Furnace tube	material	Corundum tube					
Total length of	f furnace tube (mm)	2 Series: 800; 3 Series: 1000; 4 Series: 1200;					
Standard Hea	ting Zone Length (mm)	2 Series: 205; 3 Series: 350; 4 Series: 440;					
Standard Tub	e Diameter (mm)	∮ 40	∮ 60	∮80	∮100		
External Size(V	V*D*H)(mm)	2 Series: 630*590*767; 3 Series: 724*590*807; 4 Series: 794*590*800;					
Heating Eleme	ent	MoSi2 heating rod					
Thermocouple	e	B type					
Chamber Mat	erial	Alumina ceramic fiber					
Electricity		AC 220V, 50Hz/60Hz					
Package Dime	ension (W*D*H) (mm)	870*750*1220					
G.W.(kg)		176.5					

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## **Muffle Furnace**

#### FNC-BX1200-2.5E FNC-BX1200-5E FNC-BX1200-8E FNC-BX1200-10E





### **Key Features**

P Type, 1200  $^{\circ}$  maximum operating temperature.

High purity fibrous alumina insulation for maximum energy saving.

E Type: domestic Xianmen Yudian single-stage temperature controller.

Without E & P Type: Japaness conduction single-stage temperature controller.

P Type: PID automatic control via current limiting phase angle fired the resistor, e.g. SCR (Silicon Controlled Rectifier).

P Type: Japaness Fuji color LCD 64-segment programmed temperature controller.



### Optional

Different chamber size for your choose.

LCD touch screen control for choose.



#### Please Note

Heat up rate is measured by using an empty chamber.

Holding power is measured at continuous operating temperature.



Double layer steel structure with air cooling fan to keep furnace's exteriors safe to touch.

Safety interlock with automatic power off the furnace when door is opened.



### **Specifications**

Model		FNC-BX1200-2.5E	FNC-BX1200-5E	FNC-BX1200-8E	FNC-BX1200-10E		
Heating Mode		Alloy wire heating in three sides left; right; top side.					
Max. temp (°C)		1200					
Temperature	Accuracy (°C)	±]					
	Heating rate (min)	≤30					
Chamber Dim	Chamber Dimension (W*D*H)(mm)		200*300*120	200*300*200	250*400*160		
External Size(V	V*D*H)(mm)	450*685*600	530*785*640	530*785*720	600*895*700		
Capacity (L)		2	7	12	16		
Heating Eleme	nt	Alloy heating wire					
Thermocouple	•	E: Platinum-rhodium sensor; Without E: K type					
Chamber Mate	erial	Ceramic fiber					
Outer Shell		Cold rolling steel electrostatic spraying exterior					
Temp. Control	Mode	E type: Domestic Xianmen Yudian single-stage temperature controller					
Tomp. Control	remp. Control Mode		Without E type: Japaness conduction single-stage temperature controller				
Electricity		AC220V / 6.6A 50 / 60HZ	AC220V / 13.6A 50 / 60HZ	AC220V / 20.4A 50 / 60HZ	AC380V / 9.9A 50 / 60HZ		
Max. Consump	otion (kW)	1.5	3.0	4.5	6.0		

## **Muffle Furnace**

FNC-BX1200-2.5ES FNC-BX1200-5ES FNC-BX1200-8ES FNC-BX1200-10ES FNC-BX1200-2PS FNC-BX1200-7PS FNC-BX1200-12PS FNC-BX1200-16PS





#### **Key Features**

1200°C maximum operating temperature.

High purity fibrous alumina insulation for maximum energy saving.

ES Type : Domestic Xiamen Yudian single-stage temperature controller.

S Type: Japanese conduction single-stage temperature controller.

PS Type: PID automatic control via current limiting phase angle fired the resistor, e.g. SCR (Silicon Controlled Rectifier).

PS Type: Japaness Fuji color LCD 64-segment programmed temperature controller.



## Optional

Different chamber size for your choose.

LCD touch screen control for choose.



#### Please Note

Heat up rate is measured by using an empty chamber.

Holding power is measured at continuous operating temperature.



Double layer steel structure with air cooling fan to keep furnace's exteriors safe to touch.

Safety interlock with automatic power off the furnace when door is opened.

### **Specifications**

Model		FNC-BX1200-2.5ES	FNC-BX1200-5ES	FNC-BX1200-8ES	FNC-BX1200-10ES		
Heating Mode		Alloy wire heating in three sides left; right; top side.					
	Max. temp (°C)	1200					
Temperature	Accuracy (°C)	±]					
	Heating rate (min)	≤30					
Chamber Dim	ension (W*D*H)(mm)	120*200*80	200*300*120	200*300*200	250*400*160		
External Size(V	V*D*H)(mm)	450*685*600	530*785*640	530*785*720	600*895*700		
Capacity (L)		2	7	12	16		
Heating Eleme	ent	Alloy heating wire					
Thermocouple	9	ES: Platinum-rhodium sensor; S:K type					
Chamber Mat	erial	Ceramic fiber					
Outer Shell		cold rolling steel electrostatic spraying exterior					
Temp. Control	Mode	ES type: Domestic Xiamen Yudian single-stage temperature controller					
Tomp. Common mode		S type: Japanese conduction single-stage temperature controller					
Electricity		AC220V / 6.6A 50 / 60HZ	AC220V / 13.6A 50 / 60HZ	AC220V / 20.4A 50 / 60HZ	AC380V / 9.9A 50 / 60HZ		
Max. Consump	otion (kW)	1.5	3.0	4.5	6.0		

Model		FNC-BX1200-2PS	FNC-BX1200-7PS	FNC-BX1200-12PS	FNC-BX1200-16PS			
Heating Mode		Alloy wire heating in three sides left; right; top side.						
	Max. temp (°C)	1200	1200					
Temperature	Accuracy (°C)	±]	±]					
	Heating rate (min)	≤30	≤30					
Chamber Dime	ension (W*D*H)(mm)	120*200*80	200*300*120	200*300*200	250*400*160			
External Size(W	/*D*H)(mm)	450*685*600	530*785*640	530*785*720	600*895*700			
Capacity (L)	Capacity (L)		7	12	16			
Heating Eleme	nt	Alloy heating wire						
Thermocouple		K type						
Chamber Mate	erial	Ceramic fiber						
Outer Shell		Stainless steel						
Temp. Control	Mode	Japaness Fuji color LCD 64-segment programmed temperature controller						
Electricity		AC220V / 6.6A 50 / 60HZ	AC220V / 13.6A 50 / 60HZ	AC220V / 20.4A 50 / 60HZ	AC380V / 9.9A 50 / 60HZ			
Max. Consump	tion (kW)	1.5	3.0	4.5	6.0			