

Stainless Steel Box Furnace (+1200°C)

LABEC Stainless Steel Box Furnaces are manufactured with high quality materials for easy maintenance and excellent durability. The double skinned fan cooled construction keeps the exterior body cool at high temperatures and provides excellent stability. The furnace features light weight ceramic fibre insulation for rapid thermal cycling and heating by electric elements with a vent port and chimney for natural venting or gas purging.

Controller

These furnaces feature a multi-stage programmable controller for up to 64 segments and a 0-99 hour timer. The display is full colour LCD.



Data Logging

When optioned, the controller can be connected via RS232/RS485 communication ports which can be connected directly to a data logger or computer to collect the information. Software is available for programming and monitoring.

Serving the Scientific, Medical and Research industries since 1945

LABEC



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SPECIFICATIONS

Stainless Steel Box Furnace (+1200°C)

Model	F-SX4-2-12PB	F-SX4-7-12PB	F-SX4-12-12PB	F-SX4-16-12PB
Capacity (litres)	2	7	12	16
Int. Dim. (mm) WxDxH	120*200*80	200*300*120	200*300*200	250*400*160
Ext. Dim. (mm) WxDxH	450*685*600	530*785*640	530*785*720	600*895*700
Temp. Controller	Colour LCD 64-segment programmable controller with 0-99 hour timer			
Temp. Min.	+100°C			
Temp. Max	+1200°C			
Temp. Stability	±1°C			
Interior Material	Ceramic Fibre Muffle			
Exterior Material	Embossed 304 Stainless Steel			
Exhaust	Ø30mm exhaust hole with Chimney 80*60mm			
Safety Features	Manual door security lock, over temperature sound-light alarm, over-temp protection, thermocouple failure alarm			
Power Supply	240V Single Phase			415V Three Phase
Power (W)	1.5KW	3.0KW	4.5KW	6.0KW
Packaged Size (cm) WxDxH	60*80*75	70*90*80	70*90*85	75*100*85
Weight NW/GW (kg)	33/40	45/50	62/70	77/100

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