

**LABDEX**

# Vacuum Atmosphere Tube Furnace LX500VA



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## Vacuum Atmosphere Tube Furnace LX500VA

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Vacuum Atmosphere Tube Furnace LX500VA is a microprocessor controlled chamber with stable PID temperature control system. Equipped with a heating speed of 15 to 30 mins from RT to 1000 °C, the chamber adopts vacuum forming ceramic fiber with no power drops off with high temperature. Temperature uniformity with excellent protection of heating elements (HRE) is maintained. One press start button for pre-set programmes with alerting signal for overheating of chamber.

### Features

- Heating speed - 15 to 30 mins from RT to 1000 °C
- PID controlled temperature controller with a precision of 1 °C
- One button press start for pre-programmed functions
- Durable inner lining of light insulating bricks
- Double walled housing for high stability
- Alert signal for overheating of chamber
- Heat curve can be preset with a programmable function
- 2 programmable groups with 8 segments / 1 programmable groups with 30 segments

### Application

Used for fusing glass, soldering, brazing, creating enamel coatings, ceramics , research centers, medical laboratories to determine the non-volatile and non-combustible proportion of the sample and for highly sophisticated metallurgical applications

## Specifications

Model No.	LX500VA
Tube size	∅ 25 x 1000
Maximum temperature	1200 °C
Working temperature	1150 °C
Heating speed	15 to 30 minutes from RT to 1000 °C
Heating length	300 mm
Alundum tube size	Φ 10 mm ~ 150 mm
Chamber material	Alumina Ceramic Fiber
Thermocouple	K style
Heating element	HRE
Temperature precision	± 1 °C
Voltage	220 V
Power	2 kW

## Standard accessories

Accessory No	Accessory
1	Crucible tong
2	High temperature gloves

## Optional Accessories

Accessory No	Accessory
1	Paperless recorder
2	Alumina crucible
3	Stainless steel exhaust chamber