

# STGX-300-12

## 1200°C Rotary Tube Furnace

### Description

Rotary tube furnace (Tilting is optional) is specially designed for calcining inorganic compound with better uniformity, especially excellent for preparing Li-ion battery cathode materials with conductive or protective coating on powder, such as,  $\text{LiFePO}_3$ ,  $\text{LiMnNiO}_3$ , etc in R&D laboratory.

### Main Features

- > Rotary tube to keep uniform heating
- > Tube rotating Speed 15 RPM Max ( reversible)
- > Angle of inclination 0~30° ( optional )
- > High Vacuum Sealing flanges with gas inlet/outlet ports
- > High quality quartz glass tube
- > Ceramic fiber lining board with embedded HRE heating wire



### Technical Parameters

Model	Heating Zone length (mm)	Tube Size OD*L (mm)	Max Temp	Operate Temp	Voltage	Power	Heating Element	Temperature Accuracy
STGX-40-12	300mm	Φ40*1000mm	1200°C	1100°C	220 V	1.8 KW	HRE wire	±1°C
STGX-60-12	300mm	Φ60*1000mm	1200°C	1100°C	220 V	2.6KW	HRE wire	±1°C
STGX-80-12	300mm	Φ80*1000mm	1200°C	1100°C	220 V	2.6KW	HRE wire	±1°C
STGX-100-12	300mm	Φ100*1000mm	1200°C	1100°C	220 V	2.6KW	HRE wire	±1°C
STGX-150-12	500mm	Φ150*1200mm	1200°C	1100°C	380 V	12KW	HRE wire	±1°C
STGX-200-12	500mm	Φ200*1200mm	1200°C	1100°C	380 V	15KW	HRE wire	±1°C