

CERAMIC MUFFLE FURNACE



FEATURES

- ✓ Double furnace structure, fast heating rate, no collapse over temperature, high temperature no ash, insulation material is inorganic fiber produced by vacuum forming technology
- ✓ MoSi2 bars are arranged on both sides of the furnace for easy replacement
- ✓ Double layer high quality carbon steel shell, air circulation insulation, low surface temperature
- ✓ Thyristor control, transforming voltage regulation, manual / automatic non-interference switching
- ✓ Over-temperature alarm, alarm compensation, temperature correction
- ✓ Paperless recorder or RS232 communication interface can be selected, realizing field control, no paper record historical data and heating curve by computer.



APPLICATIONS

- Heat treatment
- Sintering
- Debinding
- Ashing
- Calcination
- Material Testing
- Laboratory research

PRODUCT INFORMATION

- Product Name : Ceramic Muffle Furnace
- Model Number : FNC-3-1600, FNC-4-1600, FNC-6-1600, FNC-11-1600, FNC-15-1600, FNC-25-1600
- Brand : SAINSTEEL
- Product Category : Laboratory instrument - Furnace

MAX TEMPERATURE
1600°C

SPECIFICATIONS

Model	FNC-3-1600	FNC-4-1600	FNC-6-1600	FNC-11-1600	FNC-15-1600	FNC-25-1600
Heating Mode	Both sides silicon molybdenum rods					
Temp. range	1600 °C					
Temp. resolution	1 °C					
Temp. fluctuation	±1 °C					
Heating up time	50min					
Chamber material	Inorganic fiber					
Heating device	Silicon molybdenum rods					
Shell material	Spraying cold rolled steel					
Temp. control	Use microcomputer PID control of heating					
Program mode	50 sections programable control runs (optional)					
Timer	0~9999min					
Sensor	B					
Safety Device	Over-temperature alarm					
Working Size (WxDxH)	120x150x120	150x200x150	150x300x120	200x300x180	200x400x180	250x400x250
Exterior Size (WxDxH)	570x540x960	600x590x950	590x750x1250	730x750x1300	730x810x1300	780x850x1400
Working capacity	2L	4L	6L	11L	15L	25L
Power	AC220V/3kw	AC220V (380V)/4kw	AC380V/8kw	AC380V/12kw	AC380V/16kw	AC380V/20kw
N.W / G.W	60/65	80/85	100/110	130/150	160/180	240/260
Optional Device	Chimney; gate turn-off switch; Paperless recorder +sigma software					



WARRANTY

- One year (parts & service)
- Warranty does not apply to damages caused by user error, misuse, or failure to follow operating instructions.

