

# AF - 3000 Series

## Atmosphere Furnace



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**Analytical Technologies Limited**

An ISO 9001 Certified Company

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## ▶▶ Product Description

Model NO	atmosphere furnace	Name	Atmosphere Furnace
Heating Element	Silicon Carbide Rod	Temperature Control Precision	±1c
Heating Rate	10-15c/ Min	Structure	Double Shell
Method of Temperature Control	Intelligent Programmable	Chamber of a Stove Material	Imported Fiber Materials
Ody Structure Characteristic	Internal and External Double-Layer Structure	Transport Package	Wooden Case with Protected Materials Inside
Specification	Box type Muffle Furnace	Trademark	Zhengzhou Shibo
Origin	Henan, China(Mainland)	Production Capacity	50000 Sets/Month

## ▶▶ Detailed Parameters

Model	AF -3400Q Atmosphere furnace
Heating element	SiC heating element
Max. heating rate	15°C/min
Temperature departure	≤ 2°C
Thermocouple	S type
Voltage	AC 110V/220V/380V, 50/60Hz, or your requirements.
Temperature control	50 programmable and PID automatic control
Can connect atmosphere	Nitrogen, argon and other inert gases
Quality Guarantee	One year

Spec	Regular Model	Furnace chamber			Rated Functioning Temp (°C)	Max. Usage Temp (°C)
		Depth (mm)	Width (mm)	Height (mm)		
	AF-3400Q-I	150	150	150	1300	1400
	AF-3400Q-II	200	200	200	1300	1400
	AF-3400Q-III	300	200	200	1300	1400
	AF-3400Q-IV	300	250	250	1300	1400
	AF-3400Q-V	300	300	300	1300	1400
	AF-3400Q-VI	400	300	300	1300	1400

## ►► **Feature**

- 1) high temperature AF series muffle furnace, the control system is an international leading, with safe and reliable, simple operation, convenient maintenance.
- 2) Use 708P type temperature controller (Professional PID programmable control) for automatic temperature control with high temperature control precision ( $\pm 1^{\circ}\text{C}$ ). the temperature range is wide, and high uniformity of furnace temperature.
- 3) Furnace chamber adopts the vacuum suction molding alumina fiber, has the characteristics of energy saving, light volume, high cooling speed, the temperature field balancing, good thermal shock resistance ability.
- 4) Furnace body have the internal and external double-layer structure, heat insulation effect is good, the outer furnace wall temperature is low. Fast heating and heat preservation performance is good, the energy saving effect is obvious.
- 5) Equipped with rapid air cooling system. Oven door and oven door frame to cool the air cooling design, guarantee the oven door use for a long time not out of shape.
- 6) The stove top can install vent, furnace and control system integration design, compact and beautiful.

## ►► **Application**

Widely used in universities, research institutes, pharmaceutical industries, industrial and mining enterprises, heat treatment, smelting, chemical analysis, and various kinds of production.

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3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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