



LCD Microprocessor Controller (with timing function) Features

- Unique design of furnace door makes opening door safe and easy, ensure the heat of furnace will not leak out.
 - Microcomputer PID controller, easy to operate, accurate, reliable and safe temperature control
 - Corrosion-resistant light weight furnace ensure long-term life.
 - The excellent door seal makes the heat loss minimum and increases the uniformity of the temperature in the furnace.
 - PID Programmable controller with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total, 0~5999mins for each periods and can set rising or remain temperature, and provide a program of temperature, time, heating power cycle.
 - Programmable temperature controller can make experiments procedure more simple to realize automatic control.
- Door and body are all made of stainless steel which with anti-corrosion.



Safety

- The safety switch will automatic shutdown when door open ensures the safety of the operator, fan motor overheat and abnormal alarm system(1 Heater , 2 temperature sensor, 3 memory contents, 4 over temperature) sound and light alarms reminders operator and ensures experiments run safely
- Over-current, over-voltage, overheat and various safety measures to ensure safety.
- Ceramic fiberboard insulation material with good heat insulation effect, low temperature on shell surface.

High quality energy-saving design

- The safety performance design prevents the high energy consumption. Double-layer structure and cooling fan to make the furnace body is near room temperature during use.

Furnace material

- Firebrick furnace (N series) use of traditional refractory materials, wide range of applications, long life and economic.
- Ceramic fiber furnace (T series) with light weight, fast heating speed, saving energy and time etc. to satisfy the requirements under various conditions.

Specifications

Model	Max. Temp	Volume	Interior Size (mm)	Exterior Size (mm)	Electrical	Power	Heating Element	Temp Accuracy /Uniformity
PONPE 2-2.5-10BXNPCr	1000	2L	120x200x80	400x580x610	220V/50HZ	2.5KW	Electric furnace wire	±1°C /5°C
PONPE 2-4-10BXNPCr	1000	7L	200x300x120	520x650x660	220V/50HZ	4KW	Electric furnace wire	
PONPE 2-8-10BXNPCr	1000	16L	250x400x160	570x810x740	380V/50HZ	8KW	Electric furnace wire	
PONPE 2-12-10BXNPCr	1000	30L	300x500x200	700x930x845	380V/50HZ	12KW	Electric furnace wire	
PONPE 2-2.5-12BXNPCr	1000	2L	120x200x80	400x580x610	220V/50HZ	2.5KW	Nichel chrome wire	
PONPE 2-5-12BXNPCr	1000	7L	200x300x120	520x650x660	380V/50HZ	5KW	Nichel chrome wire	
PONPE 2-10-12BXNPCr	1000	16L	250x400x160	570x810x740	380V/50HZ	10KW	Nichel chrome wire	
PONPE 2-2.5-10BXTPCr	1000	2L	120x200x80	400x580x610	220V/50HZ	2.5KW	Electric furnace wire	
PONPE 2-4-10BXTPCr	1000	7L	200x300x120	400x580x610	220V/50HZ	4KW	Electric furnace wire	
PONPE 2-8-10BXTPCr	1000	16L	250x400x160	570x810x740	380V/50HZ	8KW	Electric furnace wire	
PONPE 2-10-12BXTPCr	1000	16L	250x400x160	570x810x740	380V/50HZ	10KW	Nichel chrome wire	

