

## 4L/8L/12L Water Bath



• N3-8/N3-12

### Introduction

- The 4L/8L/12L Water Bath is comprised of a bath and a high-precision thermostat, which combines the microprocessor and the PID technique.
- The 4L/8L/12L digital Water Bath is popular for laboratory use and applied in many industries such as chemical, medicine, biochemistry, metrology and other light industries and scientific research etc.



### Features

#### Control panel

Digital display, easy setting and operating, adjustable temperature, alarm signal display.

#### Advanced Thermostatic Controller

High temperature control accuracy up to  $\pm 0.2^{\circ}\text{C}$ .

Wide temperature control range in room temperature  $\pm 10\sim 100^{\circ}\text{C}$ .



#### Safety features

**Overheat function** The power will automatically be turned off when the internal temperature is over  $110^{\circ}\text{C}$

### Accessories

- Metal lid with concentric rings
- Gabled plastic lid
- $\phi 15\times 41$  or  $\phi 18\times 41$  Tube rack (stainless steel)
- Flask tray (stainless steel)



### Specifications

Parameter	Model	N3-4	N3-8	N3-12
Volume		4L	8L	12L
Temperature Control Range		Room temperature $+10\sim 100^{\circ}\text{C}$	Room temperature $+5\sim 99.9^{\circ}\text{C}$	
Uniformity		$\pm 0.2^{\circ}\text{C}$ ( $37^{\circ}\text{C}$ )		
Temperature Fluctuation		$\pm 0.5^{\circ}\text{C}$ (Room temperature $+5\sim 80^{\circ}\text{C}$ ) ; $\pm 0.8$ ( $80\sim 99.9^{\circ}\text{C}$ )		
Heating Time		$< 80\text{min}$ (from room temperature $20^{\circ}\text{C}\sim 95^{\circ}\text{C}$ )	$\leq 100\text{min}$ ( $30^{\circ}\text{C}\sim 95^{\circ}\text{C}$ )	
Heater		480W	600W	800W
Input Power		500W	220-240V $\sim 50/60\text{Hz}$	
Input A.C. Voltage		AC220 $\pm 22\text{V}$ 50 $\pm 1\text{Hz}$	AC250V 5A	AC250V 6A
Temperature setting		$0.1^{\circ}\text{C}$	$0.1^{\circ}\text{C}$	$0.1^{\circ}\text{C}$
Bath Liner Dimension		238 $\times$ 135 $\times$ 146mm (L $\times$ W $\times$ H)	325 $\times$ 265 $\times$ 150 mm(L $\times$ W $\times$ H)	325 $\times$ 265 $\times$ 200 mm(L $\times$ W $\times$ H)
Outside Dimensions		370 $\times$ 200 $\times$ 250mm (L $\times$ W $\times$ H)	445 $\times$ 285 $\times$ 316 mm(L $\times$ W $\times$ H)	
Net weight		8.5kg	10.5kg	