Evaporator, Vacuum Unit | Organic Synthesizer | Oven, Incubator | Bath, Cold Trap | Low Temperature circulator | Stirrer, Shaker | Freeze Dryer

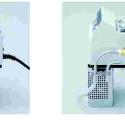# Immersion Thermo-Regulating Bath NTT-2200・2400

NTT-2400

NTT-2100・2200

Features

- External circulation type and 2 models available: NTT-2200 for less than 80℃ and NTT-2400 for less than 180℃.
- Anti-bacterial stainless steel is used for protection cover.
- Stirring power adjustment function is equipped as standard.
- Timer function is equipped as standard (Auto-start, Auto-stop).
- Independent overheating protector (variable) is equipped as standard.
- Self diagnosis for control circuit is provided.
  Float switch initiates alarm buzzer.
- One touch clamp implements easy mounting/dismounting of the bath.

Specifications

Product name	Immersion Thermo-Regulating Bath	
Model	NTT-2200	NTT-2400
Cat.No.	195410	195420
Temp. control range	RT+5 to 80℃	RT+5 to 180℃
Temp. control accuracy	±0.05℃	±0.07℃
Temp. control method	Microprocessor P.I.D. control	
Heater control method	Triac zero-cross control	
Temp. setting & display	Sheet key input. Digital display	
Minimum setting value	0.1℃	1℃
Safety functions	Self diagnosis(Highest-lowest temp. limitter. Heater failure. Temp. Sensor abnormal) Empty heating protector. Independent overheat protector (Variable temp). Circuit breaker	
Additional functions	Timer function. Alarm buzzer, Auto-tuning	
Heater	1kW (SUS316L, for water)	1kW (SUS316L, for water or oil)
Bath stirring	Water jet (Circulation outside bath)	
Bath	Capacity: 9L. Material: Nonflammable PP resin	—
Bath inner dimension (mm)	180W*240D*140H	—
Ambient temperaure	5~35℃	
Protection cover	Anti-bacterial stainiess steel	
Overall dimensions (mm)	138W*150D*312H	
(Combined with bath)	(194W*336D*157H)	—
Weight	3.5kg	
Power source	100V 50/60Hz	

Operation panel

Large stirring, overheating protector | Easy mounting/dismounting by one hand

Bath can be easily dismounted by lever

Optional accessories

Cooling coil CC-1
Cat. No. 114250

External circulation nozzle
ON-1 Cat.No. 114260
ON-2 Cat.No. 114270

Bath cover SKB-1
Cat.No. 196190

Water Bath SB-350・1000, OSB-2000

SB-350
OSB-2000
SB-1000

Inner bath

SB-1000   OSB-2000

Features

- Usables as Water Bath for Rotary Evaporator or as basic water bath system.
- Built-in overheat protector stops supply power in case of temperature controller failure.
- SB-1000 and OSB-2000 are with Teflon coating and are easy to clean.

Operation panel

OSB-2000

N-1001V-W   N-1001V-WD

Specifications

Product name	Water Bath						
Model	SB-350		SB-1000			OSB-2000	
Cat.No.	180188	180180	188789	188788	188780	211739	211738	211730
Temp. control range	RT+5 to 80℃		RT+5 to 90℃			RT+5 to 180℃		
Temp. control accuracy	1.5℃ (when stirring)					±1.5℃ (Oil: ±3℃) (when stirring)		
Temp. control method	Heater ON/OFF Control		Microprocessor based Heater ON/OFF Control					
Safety functions	Fuse. Empty heating protector		Fuse. Empty heating protector, Bath cover					
Heater	750W (water)		1kW (water)			1kW (water or oil)		
Heating method	Heat source placed inside bath		Heat source placed outside bath			Heat source placed outside bath		
Heat Sensor	Liquid expansion rate		Thermistor					
Bath materials	SUS304		SUS304 (Teflon coating)			Aluminum (Teflon coating)		
Bath capacity	3.5L		3L			6L		
Bath inner dimensions (mm)	Ø228*94H		Ø230 (bottom Ø160)*100H			Ø240*138H		
Ambient temperature	5~35℃							
Overall dimensions (mm)	235W*294D*94H		260W*260D*240H			278W*296D*254H		
Power source	AC220V 50/60Hz	AC100V 50/60Hz	AC115V 50/60Hz	AC220V 50/60Hz	AC100V 50/60Hz	AC115V 50/60Hz	AC220V 50/60Hz	AC100V 50/60Hz
Input power	3.4A, 750VA	7.5A, 750VA	8.7A, 1kVA	4.5A, 1kVA	10A, 1kVA	8.7A, 1kVA	4.5A, 1kVA	10A, 1kVA

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