

# Shaking Water Bath (Reciprocal)



- It can be used for various feeds mixing experiments such as chemical reactions, enzyme reactions, microorganisms culture.
- Special motor is used therefore the life is semi permanent, no noise, no vibration, and easy to control speed, and it generates little heat therefore even though it is used for a long time, it maintains optimal condition.
- Reciprocal shaking type
- Speed control is input on the microprocessor touch keyboard, and it is safe as the Feedback Control System is used to keep the agitation speed constant regardless of the weight and voltage of the object
- It is made of stainless(SUS 304) materials therefore it is not rusted, and best heat insulator is used to maintain constant temperature properly.

## DS-23SN



## DS-23SN-O order made 100ml \* 67ea



## DS-23SNC (Compressor down)



## DS-23SNC-R (Compressor side)



		DS - 23SN	DS - 23SNC
Main controller		Microprocessor digital displayed Auto-tuning multi-functional P.I.D controller (Temp, Time, Speed)	
Temperature	Range	Ambient to 100℃	-10℃ to 100℃
	Accuracy	Better than $\pm 0.2^{\circ}\text{C}$ at 37℃	
	Controller	Microprocessor digital displayed Auto-tuning multi-functional P.I.D controller (Sensor PT100Ω)	
Speed	Range	0 - 220 R.P.M	
	Controller	Microprocessor feed back controller	
Drive motor		Brushless motor	
R.P.M set period		Set / Run switch	
Compressor		None	1/3HP
Dimensions (WxDxH)mm	In	600 x 300 x 250	600 x 300 x 250
	Out	810 x 360 x 310	810 x 360 x 670
Capacity		45 L	
Material	In / Out	Stainless steel (SUS 304) / Steel plate with powder coating(SCP-1)	
	Lid	Stainless steel (SUS 304)	
Safety system		Hydraulic over heating safety S/W, Electric leakage breaker	
Stroke		3 - 5cm	
Shaking motion		Reciprocal type	
Holder		Accommodates various glass-wares of flask tubes(100 - 2000ml Interchangeable)	
Power (AC220V, 60Hz)		1.2Kw	1.5Kw