

# Multifunctional Water Baths Shaker

◎ Low noise and steady reciprocating oscillating water bath cultivation equipment.

## Characteristics:

- Large-screen background LCD, shows the measured value, set value and the setting time and the remaining time.
- High-precision temperature control. resume operation automatically if power off unexpectedly.
- High-precision speed control: PID feedback control, motor speed stable and accurate. slow start design, automatically locked after speed out of control, adjustable start speed prevent splashing of shaking bottle liquid.
- Tube rack and water bath flask seat for standard configuration, with function of water bath.



Patent No. : ZL 2018 3 0095051.6

## Main Technical Parameters:

Model		FWS-30
Mode		Reciprocating oscillation + thermostatic water bath
Function	Operating Temp Range	RT-100℃
	Tem. Resolution Ratio	0.1℃
	Tem. Motion	± 0.1℃
	Tem. Uniformity	± 0.2℃
	Reciprocal Oscillation Amplitude	16 or 24mm (Ex-factory is 16mm)
	Reciprocating Frequency Range	20 ~ 180 ( r/min )
	Reciprocating Frequency Accuracy	± 1rpm
Structure	Water Tank	Mirror stainless steel
	Outer Shell	Cold rolling steel electrostatic spraying exterior
	Upper Cover	Mirror stainless steel
	Insulating Layer	Polyurethane
	Heater	Stainless Steel Heater
	Driving Mode	Crankshaft+ double link + four wheels
	Shelf	Mirror stainless steel
	Power Rating	1.5kW
Controller	Tem. Control Mode	LCD PID Intelligent control
	Reciprocating Control Mode	
	Setting Mode	Touch button setting
	Tem. Display Mode	LCD Display
	Speed Display Mode	
	Timer	0 ~ 9999 min
	Operation Function	Fixed value operation. timing function, auto stop, quickly stop start
	Temperature Sensor	PT100
	Speed Sensor	Hoare
Additional Function	Deviation correction, menu keys locked, power-off memory	
Safety Device		Over temperature alarm. menu locked, water full or shortage protection. Motor shaft lock protection;
Specification	Water Tank Size (W*L*H)(mm)	500*310*200
	Exterior Size (W*L*H)(mm)	828*360*425
	Packing Size (W*L*H)(mm)	908*440*505
	Spring Shock Basket Size ( mm )	395*250
	Shock Basket Largest Single Size (ml /piece)	100ml*12/250*8/500*6
	Inside Volume	31L
	Shock Basket Bearing	5kg/layer
	Current Rating ( 50Hz )	AC220V/6.8A
	NW/GW (kg)	20/30
Accessories		Water bath flask seat. tube rack