

Shaking Water Bath

(Ambient +5°C to 100°C)

LABEC Shaking Water Bath is ideal for shaking cultures and samples in a constant temperature water bath. The bath is manufactured with high quality stainless steel interior and a powder coat steel exterior for easy maintenance and excellent durability.

This bath is supplied with spring rack and boiling bath cover as standard. The bath can fit 12 x 100ml, 8 x 250ml or 6 x 500ml.

Using an internal element and submerged RTD sensor connected to a digital temperature controller, the internal temperature can be controlled to $\pm 0.2^\circ\text{C}$ within the range ambient +5°C to 100°C.

The shaking functionality is a reciprocating type with a speed range of 20~180rpm with digital setting and display.



Model F-FWS-30



Serving the Scientific, Medical and Research industries since 1945

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SPECIFICATIONS

Shaking Water Bath

(Ambient +5°C to 100°C)

Model	F-FWS-30	
Mode	Reciprocating oscillation + Thermostatic water bath	
Function	Operating Temperature Range	RT~100°C
	Temperature Resolution Ratio	0.1°C
	Temperature Motion	±0.1°C
	Temperature Uniformity	±0.2°C
	Reciprocal Oscillation Amplitude	16 or 24mm (Ex-factory is 16mm)
	Reciprocating Frequency Range	20~180 rpm
	Reciprocating Frequency Accuracy	±1 rpm
Structure	Water Tank	Mirror stainless steel
	Outer Shell	Powder Coat Mild Steel
	Upper Cover	Mirror stainless steel
	Insulating Layer	Polyurethane
	Heater	Stainless Steel Element
	Driving Mode	Crankshaft + double link + four wheels
	Shelf	Mirror stainless steel
	Power rating	1.5kW
Controller	Temperature Control Mode	LCD PID Intelligent control
	Reciprocating Control Mode	
	Setting Mode	Touch button setting
	Temperature 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	

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