

# Shaking Incubator



## Microprocessor controller (with timing function)

### Summary:

Widely applicable for researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissues research, which have a high requirement on precision of shaking speed and temperature

### Features:

- Large LCD screen to display more data at same time
- Stainless-steel chamber and platform, easy to clean.
- Big observation windows
- Microprocessor controller for temperature and shaking speed with timing function
- Self-check function easy to identify problems.
- Smooth start and stop system prevents liquid spillage
- Auto-controller of fan speed to prevent damage to the samples
- Safety door switch, auto pause operation when door is opened
- R134a refrigerant, imported compressor and fan motor
- High effective filter provides filtration of bacteria and dust
- Temperature-limiting alarm system, auto switch off when over-temperature. (option)
- RS485 connector can connect computer record and inspect the parameters and the variations of temperature (option)



## Specifications

Model	THZ-103B	THZ-100 (THZ-98B)	THZ-100B	THZ-300	THZ-300C
Electrical Requirement	220V 50Hz				
Shaking Speed Range	40~300r/min				
Amplitude	20mm				
Temperature Range	RT+5~50°C				4~50°C (Ambient temp-20°C )
Display Resolution	0.1°C				
Power Consumption	450W	400W	450W	600W	1400W
Platform Size	280x220	350x350	370x340	450x450	
Timing Range	1~5999min				

## Platform used for flask clamp and tube holder. Maximum of flask clamp (Monolayer)

Model	WSZ-10A WSZ-20A	WSZ-50A WSZ-50H	WSZ-100A	WSZ-200A	HZQ-X100A	THZ-103B	THZ-100 THZ-100B	THZ-300 THZ-300C	
Flask(pc)	50ml	-	-	29	42	37	9	24	42
	100ml	12	12	18	28	22	9	15	28
	250ml	6	6	11	12	14	5	8	12
	500ml	-	-	7	11	10	-	7	11
	1000ml	-	-	4	8	-	-	4	8
	2000ml	-	-	3	4	-	-	2	4

## Options:

- Programmable Temperature Controller
- Controller board and printer(Nested)
- Independent temperature-limiting alarm
- RS485 connector and software