

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.
- RS485 connector can connect computer record and inspect the parameters and the variations of temperature. (option)
- Maintenance-free DC Brushless motor, easy to clean.



Specifications

Model	THZ-103B	THZ-100 (THZ-98B)	THZ-300	THZ-300C
Electrical Requirement	220V 50Hz			
Shaking Speed Range	40~250r/min	40~300r/min		
Amplitude	20mm			
Temperature Range	RT+5~65℃			4~65℃ (Ambient temp-20℃)
Display Resolution	0.1℃			
Power Consumption	450W	650W	1000W	1300W
Platform Size	280x280	350x350	450x450	
Default Platform	Spring wire racks			
Timing Range	0~5999min			

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

Shaking Incubator

LCD Microprocessor Controller (with timing function)

Features

- Large LCD screen to display more data at same time.
- R134a refrigerant, imported compressor and fan motor.
- Big observation windows.
- 304 Stainless steel chamber and platform, easy to clean.
- There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement.
- The parameters can be automatically stored in case of power failure, and it will continue run as presetting program after turn on.
- Microprocessor PID controller for temperature and shaking speed with timing function.

Safety

- Safety door switch, auto pause operation when door is opened.
- Smooth start and stop system prevents liquid spillage.
- Auto-controller of fan speed to prevent damage to the samples.
- Self-diagnosis function, it will display error when failure.

Option

- Temperature-limiting alarm system, auto switch off when over-temperature.
- RS485 connector or USB interface can connect computer record and inspect the parameters and the variations of temperature.
- Intelligent programmable temperature controller.



Specifications

Model	THZ-98A(Monolayer) THZ-98AB (Double-deck)	HZQ-X300 (Double-deck)	HZQ-F160A (Monolayer)	THZ-98C (Double-deck)	HZQ-X300C (Double-deck)
Electrical Requirement	220V 50Hz				
Shaking Speed Range	40~300r/min				
Amplitude	20mm				
Temperature Range	RT+5~65℃		4~65℃		
Display Resolution	0.1℃				
Power Consumption	750W	1100W	950W	950W	1300W
Platform Size(mm)	400x340	500x350	400x300	400x340	500x350
Exterior Dimension (WxDxH)mm	635x714x1055	725x720x1150	635x714x1055	635x714x1055	725x720x1150
Timing Range	0~5999min				

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

Model	THZ-98A	THZ-98AB THZ-98C	HZQ-X300 HZX-X300C	HZQ-F160A	
Flask(pc)	50ml	29	29	29	
	100ml	18	18	18	
	250ml	11	11	14	11
	500ml	7	7	10	7
	1000ml	4	4	6	4
	2000ml	-	-	-	3