

LCD Microprocessor Controller (with timing function)

Features

- Combine incubator, shaker functions together with small space, huge capacity.
- Intelligent LCD screen, Temp., rotation speed and time etc parameters fast setting and display at one screen, parameters real time display, easily to observe and operate.
- Fluorine free design, environmental non-free refrigerants.
- Large toughened glass windows provides users observe the samples status with good insulation when instruments working.
- Various kinds of clamps and racks for selection, easily change racks and clamps improve work efficient.
- Inner chamber, shaker platform and shelves are made of 304 stainless steel.
- On the left of chamber is placed with 50mm test hole.
- User's set parameters can be stored automatically when power off suddenly, and it resume last program settings when power on.
- Brushless DC motor, large start torque, wide speed adjustment, free maintenance.
- The ultraviolet lamp can sterilize the chamber regularly.

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.
- Temperature-limiting alarm system, auto switch off when over-temperature.

Option

- RS485 connector or USB interface can connect computer record and inspect the parameters and the variations of temperature.
- Intelligent programmable temperature controller.
- Embedded Printer.

Specifications

Model	HZQ-X500 Double-deck	HZQ-X700 Double-deck	HZQ-X500C Double-deck	HZQ-X700C Double-deck
Electrical Requirement	220V 50H			
Shaking Speed Range	40~300r/min			
Amplitude	26mm			
Temperature Range	RT+5~65℃		4~65℃	
Temperature Uniformity	±1℃（Test point is 37℃）			
Temperature fluctuation	±0.2℃（Test point is 37℃）			
Display Resolution	0.1℃			
Timing Range	0~5999min			
Power Consumption	1900W	1900W	2250W	2250W
Platform Size(mm)	750x460x2pcs	920x500x2pcs	750x460x2pcs	920x500x2pcs
Standard Configuration	250ml×28PCS X 2	250ml×45X 2	250ml×28PCS X 2	250ml×45X 2
External Dimension (W×D×H)mm	1050×875×1370	1200×875×1370	1050×875×1370	1200×875×1370



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

Model		HZQ-X500 HZQ-X500C	HZQ-X700 HZQ-X700C	HZQ-211 HZQ-211C	HZQ-311 HZQ-311C
Flask(pc)	50ml	82	116	82	116
	100ml	50	66	50	66
	250ml	28	45	28	45
	500ml	23	28	23	28
	1000ml	12	18	15	18
	2000ml	-	10	8	13
	5000ml	-	-	3	5