

Incubator Agitator for Platelet



HXZ-149



HXZ-1369

Scope of Application :

This incubator includes an integrated platelet agitator and is designed to create the optimal storage environment of platelets after collection. Suitable for hospitals, blood stations and research applications.

Innovative Design

- ◎ Superior Insulation Performance
- ◎ Peltier Technology
- ◎ Uniform Temperature $22^{\circ}\text{C} \pm 1^{\circ}\text{C}$
- ◎ Reliable Oscillation
- ◎ Energy Saving
- ◎ Variable Agitation Speed

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Product Advantages

- Data Traceability**
 - Real-time temperature monitoring, records and stores historical data, alarm records and events
 - USB interface, convenient and safe data transfer
- Energy Saving**

Peltier technology, PID algorithm adjustment, energy saving 13% than the traditional compressor
- Multiple Alarms**

Multiple alarms including high and low temperature alarm, power failure alarm, sensor failure alarm, door ajar alarm, low battery alarm, abnormal alarm of oscillating motor, remote alarm ensures maximum safety
- Superior Insulation Performance**

60mm thickened foam layer. In the event of a power failure within a 25°C ambient and a full load, the warm up time from 22°C to 24°C in the center of the chamber is more than 4 hours
- Reliable Oscillation**

The agitator mechanism is equipped with an alarm and calibration device to ensure platelet quality
- Peltier Technology**

Semiconductor temperature control, internal temperature is maintained at 22°C±1°C
- Low Noise**

Semiconductor and EBM oscillating motor provide a quiet working environment
- Ultraviolet Disinfection**

The UV disinfection function helps maintain a sterile environment
- Variable Agitation Speed**

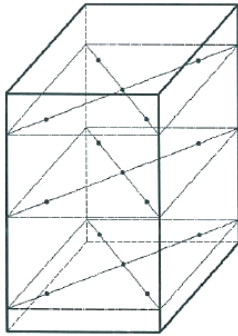
Slide to adjust agitation speed (30-80 cycles/minute) to meet the customer needs

Product Parts



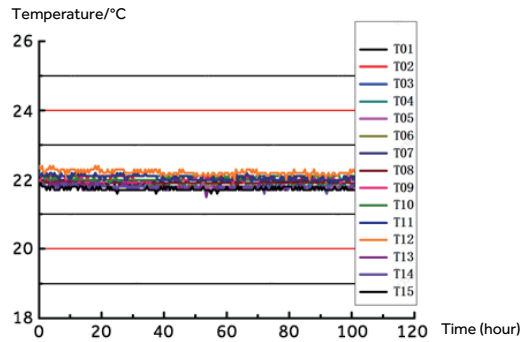
HXZ-1369

Product Performance



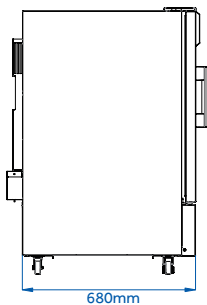
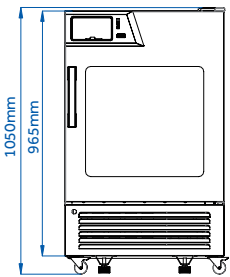
HXZ-149 15 test points

HXZ-149 Running temperature curve (Empty loaded)

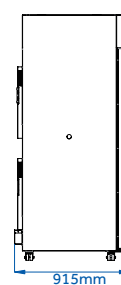
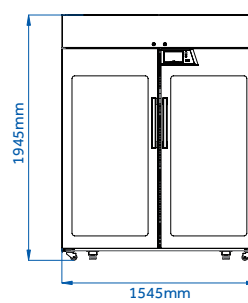
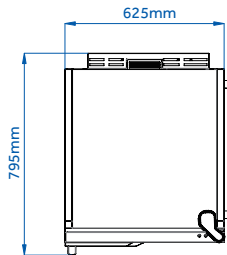


Temperature uniformity: $22 \pm 1^\circ\text{C}$
Single point temperature fluctuation $< 0.5^\circ\text{C}$

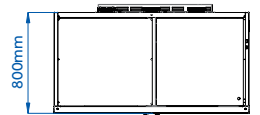
Product Dimension Drawings



HXZ-149



HXZ-1369



Specifications



Model		HXZ-149	HXZ-1369	
Technical Data	Temperature Range(°C)	20-24 °C	20-24 °C	
	Ambient Temperature (°C)	10-32 °C	10-32 °C	
	Oscillation Frequency	60 ±5 times/min	60 ±5 times/min	
	Amplitude	50±5mm amplitude	50±5mm amplitude	
	Display Accuracy	0.1 °C	0.1 °C	
	Noise	50	55	
Performance	Controller	Microprocessor	Microprocessor	
	System Temperature Control	semi-conductor heating and cooling	semi-conductor heating and cooling	
Control	Display	LCD	LCD	
	Power Supply(V/Hz)	200-240/50	200-240/50	
Electrical Data	Capacity(L/Cu.Ft)	149/5.26	1369/48.35	
	Blood Storage Capacity(300ml blood bags)	36	216	
Dimensions	Net/Gross Weight (approx)	kg	94/122	412/480
		lbs	207/269	908/1058
	Interior Dimensions (W*D*H)	mm	505*560*610	1425*680*1455
		in	19.8*22*24	56.1*26.8*57.3
	Exterior Dimensions (W*D*H)	mm	625*795*1050	1545*915*1945
		in	24.6*31.3*41.3	60.8*36*76.6
	Packing Dimensions (W*D*H)	mm	718*815*1228	1610*995*2090
		in	28.3*36.2*48	63.4*39.2*82.3
	Container Load (20'/40'/40'H)		18/38/76	7/14/14
	High/Low Temperature		Y	Y
Alarms	Power Failure	Y	Y	
	Sensor Error	Y	Y	
	Low Battery	Y	Y	
	Door Ajar	Y	Y	
	Remote Alarm	Y	Y	
	abnormal oscillation motor alarm	Y	Y	
Accessories	Caster	Y	Y	
	Foot	Y	Y	
	Porthole	Y	Y	
	Baskets	N	N	
	Shelves/Drawers	8	18	
	Inner Doors	N	N	
	USB Interface	Y	Y	
	IoT Function	Optional	Optional	
Others	Certification	CE	CE	

*Haier Biomedical reserves the right to change products and specifications without prior notice.