

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



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



Reliable Oscillation

The agitator mechanism is equipped with an alarm and calibration device to ensure platelet quality



Low Noise

Semiconductor and EBM oscillating motor provide a quiet working environment



Variable Agitation Speed control from Touch Screen

Adjust Oscillation Frequency (30-100 cycles/minute) to meet the customer needs



Energy Saving

Peltier technology, PID algorithm adjustment, energy saving 13% than the traditional compressor



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



Peltier Technology

Semiconductor temperature control, internal temperature is maintained at 22°C±1°C



Ultraviolet Disinfection

The UV disinfection function helps maintain a sterile environment



Robust Structure

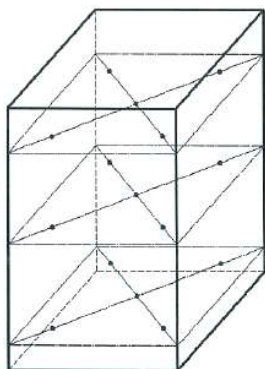
Internal material is stainless steel 304 and External material is powder coated cold-roll steel sheets without sharp edges, easy to disinfect.

Product Parts



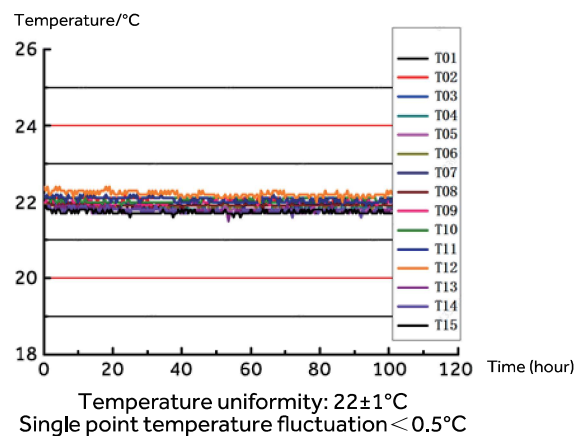
HXZ-1369

Product Performance

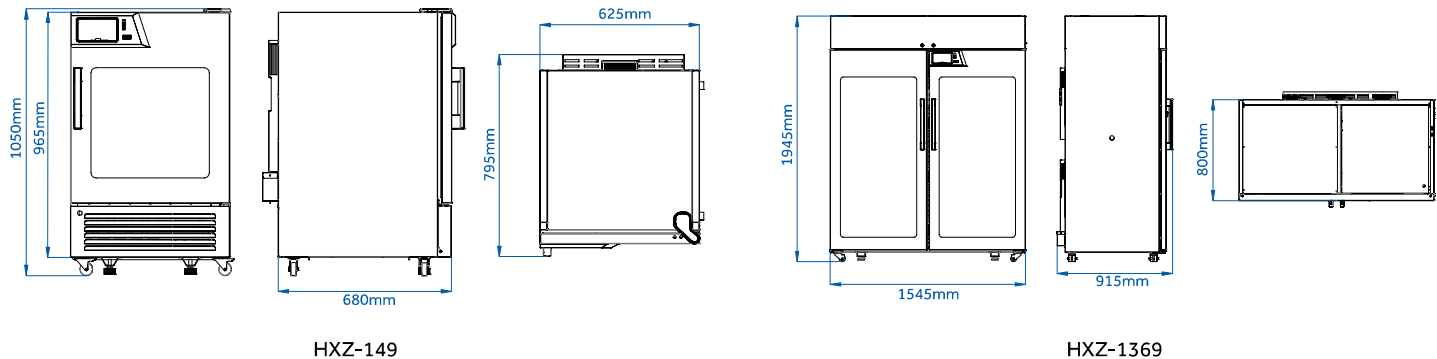


HXZ-149 15 test points

HXZ-149 Running temperature curve (Empty loaded)



Product Dimension Drawings



Specifications



Model		HXZ-149	HXZ-1369
Performance	Temperature Range (°C)	20-24	20-24
	Ambient Temperature (°C)	10-32	10-32
	Oscillation Frequency (cycles/min)	30-100	30-100
	Amplitude	50±5mm amplitude	50±5mm amplitude
	Display Accuracy (°C)	0.1	0.1
	Noise	50	55
Control	Controller	Microprocessor	Microprocessor
	System Temperature Control	peltier technology (semi-conductor heating and cooling)	peltier technology (semi-conductor heating and cooling)
	Display	LCD	LCD
Electrical Data	Power Supply (V/Hz)	200-240/50	200-240/50
Dimensions	Capacity (L/Cu.Ft)	149/5.26	1369/48.35
	Blood Storage Capacity (300ml blood bags)	36	216
	Net/Gross Weight (approx)	kg	94/122
		lbs	207/269
	Interior Dimensions (W*D*H)	mm	505*560*610
		in	19.8*22*24
	Exterior Dimensions (W*D*H)	mm	625*795*1050
		in	24.6*31.3*41.3
	Packing Dimensions (W*D*H)	mm	718*815*1228
		in	28.3*36.2*48
	Container Load (20'/40'/40'H)	18/38/76	7/14/14
Alarms	High/Low Temperature	Y	Y
	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.