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PRODUCT BROCHURE

Platelet Oscillating Incubator

POI-3



Application

Three Power Supply Modes: AC power 220V, DC power 12V, DC power 24V.

There is a spare battery inside which can work for 30 minutes after the power is cut off to ensure the safety of platelets during transportation.



Features

Adopt imported constant speed motor, continuous operation without noise. Inner circulation air duct ensures uniform temperature.

With automatic fault detection system, makes it safe and reliable.

The thermal insulation material is polyurethane foam, with good thermal insulation performance.

The case is light, small and convenient to transport.

Specification

Model	POI-3
Temperature Control Range	22°C ±2°C
Temperature Control Accuracy	±0.1°C
Oscillation Frequency	60 cycles/ minute
Oscillation Amplitude	50mm±5
Working Mode	continuous back and forth from left to right, horizontal oscillation
Refrigeration Rate	60W
Heating Power	60W
Alarm Temperature	<20°C, >24 °C
Environmental Temperature	5°C -35°C
Refrigeration rate	60W
Dimensions:(Length x Width x Height)	450mmx300mmx350mm
Number of Layers and Height	3x30mm

Platelet Oscillating Incubator

POI-5 POI-10

Box

SUS oscillator, mirror surface SUS shelves, box foamed with high density CFC-free material, reasonable design of air duct in the cabinet, axial flow fan makes inner temperature more uniform with accurate temperature control.

Purpose

To store blood platelet (20°C~40°C), biological reagent (2°C~40°C), chemical products stored at (2°C~40°C).

Suitable for hospitals, blood stations, research institutes and university labs.

Temperature Control Mode

High accuracy sensor.

Microprocessor temperature control, inner temperature controlled in 22°C±2°C.

Intelligent controlled fan with forced cycle system to ensure inner temperature more uniform.

Refrigeration System

Branded condenser fan.

Branded compressor with CFC-free refrigerant.

High efficiency refrigeration system, fast cooling speed and uniformity temperature inside.

Branded evaporator for safety and longevity.

Finned evaporator to speed up the cooling process.

Characteristic Function

Disinfection with UV, set disinfection time freely, UV light would be off while door open, to protect human body.

Temperature printer can be set as needed.

Wide voltage from 187V to 242V.

Power on/off switch, more convenient for operation.

Double transparent insulated glass door for easy observation.

Big digital display for easy observation.



Imported oscillation slide rail for longevity and low noise.

High/low temperature alarm, sensor error alarm, power failure alarm for 72 hours, door ajar alarm.

Two alarm styles: audible buzzing and visual flashing light.

Power cord with earth leakage protection.

Specifications

Model	POI-5	POI-10	
Specifications	Shelf/drawer QTY		
	Drawer		
	Cooling method		
	Forced air cooling		
	Defrost		
	No frost		
Cooling system	Refrigerant		
	R134a		
	Power consumption(kWh/24h)	2.69	4.4
	Noise(db)	49	50
	Ambient temperature(°C)	10~32°C	
	Temperature range(°C)	20~24°C	
Power	Compressor brand/QTY		
	EMBRACO/1		
	Sensor		
	NTC		
Material	Temperature controller		
	Microprocessor		
	Display		
	Digital display		
Size	Voltage/frequency(V/Hz)		
	220/50Hz		
	Power(W)	197W	280W
	Current(A)	0.9A	1.27A
Alarm	Inside material		
	304 Stainless Steel		
	Outside material		
	Cold-rolled steel coated with anti-bacteria powder		
Accessories	Insulation		
	PU		
	Capacity(L)	108	158
	Bloodbags (450ml)/Drawer	10 /5 layers	20 /10 layers
	NW./GW.(kg)	65/87	85/108.5
	Exterior size(W×D×H)(mm)	520×640×1030	520×640×1290
	Interior size(W×D×H)(mm)	427×360×467	432×462×728
	Package Dimension (W*D*H)(mm)	590×695×1210	610*720*1460
	CBM	0.50	0.58
	20GP/40GP/40HQ	24/48/96	32/68/68
Caster	High/low temperature		
	Y		
	Power failure		
	Y		
	Sensor error		
	Y		
Outer door / Type	Low battery		
	/		
	Door ajar		
	Y		
Test hole	Power failure backup system(alarm)		
	72h		
	Caster		
	Y		
Light	Outer door / Type		
	1 (Foamed glass door)		
	Test hole		
Temperature recorder	Optional		
	Light		
UV Light			
Temperature recorder			
Optional			

Platelet Oscillating Incubator

POI-5II POI-7 POI-20 POI-40 POI-80

Features

A variety of methods to monitor the complete recording of equipment temperature and information and the traceability of quality control data.

Print the temperature record in real time and monitor the temperature change of the equipment at any time. The device has USB data export function to realize data traceability and facilitate quality monitoring.

The device is equipped with a code- scanning gun that has code- scanning function, effectively identifying the source of information. (Optional)

Machine running microprocessor control

Ultra -high temperature/ultra-low alarm

Abnormal shutdown power failure alarm

Motor fault automatic alarm

LED LCD, information reading window It has the function of ultraviolet sterilization to keep the environment in the cavity sterile. Imported compressor, quality assurance

Refrigeration method: air cooled R134A non- fluorocarbon refrigerant

Silent casters with lock for easy movement

Adopt independent control with dual temperature zone (POI-40/80 type)

POI-40 type has two independent oscillators, POI-80 type has four independent oscillators, users can independently control the specific oscillator by needs, it is very convenient to use.



Specifications

Model	POI-5II POI-7 POI-20 POI-40 POI-80
Temperature Control Method	Digital signal detection, microprocessing technology
Temperature Control Range	22.0℃±2.0℃
Alarm Temperature	<20℃、>24℃, abnormal shutdown power failure alarm
Oscillation Amplitude	50mm
Working Mode	continuous back and forth from left to right, horizontal oscillation
Oscillation Frequency	60±5 cycles/ minute
Environmental Temperature	5℃-35℃
Refrigeration Power	200W for POI-5II, POI-7, POI-20 type, 300W for POI-40 type, 400W for POI-80 type
Heating power	300W for POI-5II, POI-7, POI-20 type, 500W for POI-40, 600W for POI-80 type

Model	Dimensions: (Width x Depth x Height)	Storage Area and Layers: (Width x Depth x Height)	Number of Bags of Platelet Stored	Package Dimension (W*D*H) (mm)
POI-5II	540*560*990 (mm)	430*360*460 (mm) 5 layers	5-10 bags	630*710*1210mm
POI-7	540*560*990(mm)	430*340*470(mm) 7 layers	7-14 bags	
POI-20	720*600*1070 (mm)	600*410*540 (mm) 10 layers	30-60 bags	
POI-40	800*750*1720 (mm)	680*450*1145 (mm) 20 layers	60-120 bags	910*890*1960mm
POI-80	1520*750*1800(mm)	1404*436*1132(mm)10 layers*4	200-260bags	