

PLATELET INCUBATOR

DSC SERIES

FEATURES

- A digital microprocessor temperature controller with LCD display and alarm back up power.
- Accurately controlling the cooling or heating process to maintain a constant temperature of 22° C.
- Temperature setting range: 20°C ~ 24°C.
- The precision of display and control is 0.1 ° C.
- Alarms : High/low temperature, power failure, sensor error, door ajar, backup battery for 72 hours.
- Extensions : Remote alarm interface

ULTIMATE INSULATION

- The cabinet is insulated with a thick layer of high-density PU foam, effectively sealing and maintaining the internal temperature. The door, constructed with the same insulation material, is equipped with double-layer vacuum glass coated with LOW-E film. This design ensures secure platelet preservation while providing enhanced safety measures.

TEMPERATURE LOGGING

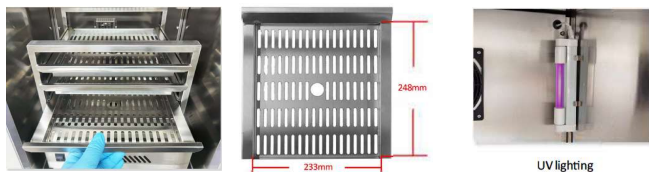
- The unit comes with a thermal printer as standard, which prints real-time temperatures at 5-minute intervals.

ELECTRICALLY HEATED GLASS DOOR

- Fog or condensation often occurs when opening and closing the door. However, this can be easily prevented with the electrically heated glass door, which quickly evaporate any moisture.

HIGH QUALITY MATERIALS

- The units feature a high-quality coated cold-rolled steel exterior and stainless steel interior, anti-corrosive, and easy-to-clean properties. The agitator and racks are also constructed with stainless steel, ensuring reliability and hygiene.



AGITATION SYSTEM

System composition

The system consists of an agitator, stainless steel racks, and stainless steel drawers. The stainless steel racks are securely attached to the agitator platform and move in sync with the agitation motion. This design helps maintain platelets in a suspended state, preventing clumping or aggregation.



Foamed glass door



Thermal printer

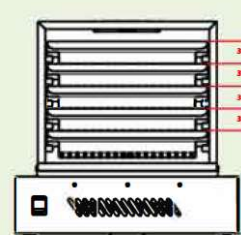


Stainless steel interior



Agitation system

Rack layer :
5 / 7 / 10 / 15



Interior vertical spacing

Interior vertical spacing

PLATELET INCUBATOR

MODEL	DSC-5	DSC-7	DSC-10	DSC-15
Drawer qty	5	7	10	15
Cooling system	Forced air	Forced air	Forced air	Forced air
Defrost	Auto	Auto	Auto	Auto
Refrigerant	R134a	R134a	R134a	R134a
Heating system	Electrical heating	Electrical heating	Electrical heating	Electrical heating
Noise(db)	48	48	48	48
Ambient temperature (°C)	10-32°C	10-32°C	10-32°C	10-32°C
Temperature range (°C)	22°C 2°C	22°C 2°C	22°C 2°C	22°C 2°C
Compressor QTY	1	1	1	1
Sensor	NTC	NTC	NTC	NTC
Temperature controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Display	LCD display	LCD display	LCD display	LCD display
Voltage(V)	187-242	187-242	187-242	187-242
Frequency(Hz)	50Hz	50Hz	50Hz	50Hz
Power Consumption(kWh/24h)	2.7	2.7	4.4	4.4
Power(W)	197W	197W	280W	280W
External material	Coated steel	Coated steel	Coated steel	Coated steel
Internal material	SUS 304	SUS 304	SUS 304	SUS 304
Insulation	CFC free PURF	CFC free PURF	CFC free PURF	CFC free PURF
Platelet bag(450ml) Qty	10	14	20	30
NT./GT.(kg)	65/87	65/87	85/108.5	85/108.5
Exterior size[WxDxH](mm)	522x600x1056	522x600x1056	522x600x1305	522x600x1305
Interior size(WxDxH)(mm)	427x360x467	427x360x467	432x462x728	432x462x728
Package size (WxDxH) (mm)	584x707x1177	584x707x1177	584x707x1417	584x707x1417
Shipping CBM	0.5	0.5	0.6	0.6
20GP/40GP/40HQ	24/48/96	24/48/96	24/48/48	24/48/48
High/low temperature	Y	Y	Y	Y
Power failure	Y	Y	Y	Y
Controller failure	Y	Y	Y	Y
Sensor error	Y	Y	Y	Y
Door ajar	Y	Y	Y	Y
Power failure backup	72 hours	72 hours	72 hours	72 hours
Castor	Y	Y	Y	Y
Leveling feet	N/A	N/A	Y	N/A



Model	DSC-5	DSC-7	DSC-10	DSC-15
Rack layer	5	7	10	15
Rack material	SUS 304	SUS 304	SUS 304	SUS 304
Drawer QTY	5	7	10	15
Drawer material	SUS 304	SUS 304	SUS 304	SUS 304
Platelet bag (450ml) Qty	10	14	20	30