NS BIOTEC

TÜV SOUTHWEST CERTIFIED ISO 13485:2016

Safe Platelet Storage

PLATELET INCUBATOR AGITATOR

BDS-104P , BDS-150P

PLATELET INCUBATOR AGITATOR APPLICATION

Provides the controlled temperature environment required for the storage of platelet products

66 Port Said st., - Camp Chezar - Alexandria - Egypt
+2 03 5920 902
+2 010 17 333 540
www.nsbiotec.com
info@nsbiotec.com

Green Engineering Products

EGYPT

CE IVD

EC REP CMC Medical Devices & Drugs S.L. C/ Horacio Lengo, 18. 29006. Malaga, Spain

General specifications:

- Reliable, efficient and quiet system, heating and cooling only when needed, optimizing temperature performance
- Touchscreen user interface is password protected and provides advanced monitoring and information to ensure protection of stored product.
  Auto-Stop/Start pauses agitation when incubator door is opened and automatically resumes agitation when door is closed, ensuring continuous agitation of platelets
- Multiple alarms including high and low temperature alarm, sensor failure alarm, door ajar alarm, power failure alarm (Optional), low battery alarm (Optional) ensures maximum safety
- Reliable Oscillation
- The agitator mechanism is equipped with an alarm and auto-calibration function to ensure platelet quality.

Model	BDS-104P	BDS-150P
Application	Provides the controlled temperature environment required for the storage of platelet products.	
Set Point Temperature Range	+10.0°C to +40.0°C	
Set Point (default)	+22.0°C	
Temperature Uniformity °C	+/-1.0°C at 22.0°C set point	
Temperature readability	0.1°C	
Oscillation Range (mm)	50	
Oscillation Frequency (times/min)	60	
Number of Shelves	5 removable & 1 fixed	7 removable & 1 fixed
Shelves dimensions (w x d) mm	415X270	515X270
Electrical Power	220-240V 50/60Hz	
Indoor/Outdoor Use	Indoor use only, non-residential	
Application Environment	Non-corrosive, non-flammable, non-explosive	
Ambient Operating Temperature	+15°C to +35°C (+59°F to +95°F)	
Cooling System	solid-state thermoelectric heat, electric compressor with forced air circulation	
Refrigerant	R134A non-CFC	
User Interface	color touchscreen, 7inch	
Power Switch	On/Of	
Controller Type	Microprocessor with touchscreen input & display	
Security	Lockable door, dual passwords protected settings for user and anther for service	
Ports	USB, RS232.	
Power Failure Alarm	Yes (Optinal)	
High / Low Alarms	fully adjustable,	
Door Ajar Alarm	fully adjustable	
Download	download via USB	
Event Log	download via USB	
Temperature Log	download via USB	
Interactive Temperature Graph	yes	
printer	built in thermal printer	
Battery Back-up	Rechargeable 12V, sealed lead acid, 18 hrs. display and alarm back-up for touchscreen monitoring (OPTIONAL)	
Insulation	Rigid foam board non-CFC, non-HFC, non-HCFC, environmentally friendly	
Exterior / Interior construction	All made from stainless steel 304	
Door	Triple glass door	
Access Port	0.75 in (19mm) diameter	
Auto-Stop/Start Agitator	Yes	
Interior (w x h x d) mm	520X400X500	620X400X625
Exterior (w x h x d) mm	670X820X1200 mm I 770X820X1325	
Volume (L)	104	150
Net weight (Kg)	105	I 135
Gross weight	128	I 158

PLATELET INCUBATOR

Some of the illustrations in this publication include the special accessories; we reserve the right to make changes in technical specification dimension without prior notice