

PNSERIES Platelet Incubators





PN 150 and PN 300 platelet incubators have been specifically constructed to ensure that the platelets are maintained at the highest level of quality and provide traceability to enable proof of storage. PN 150 and PN 300 Platelet Incubators are specially developed for PS 54 Platelet Agitators.

CAREFULLY DESIGNED BODY

- Easy to clean stainless steel chamber
- Humidity and solvent resistant epoxy-polyester powder coated stainless steel outer body
- Large triple glass door window for perfect insulation and easy observation of blood bags
- Antifogging inner glass for avoiding condensation and outer glass blocks UV light
- Prevention of air leakage from the chamber and ambient air ingress with magnetic gasket
- Vibration free operation
- Chamber illumination with switch control
- Temperature calibration port as standard



PERFECT TEMPERATURE CONTROL

- Excellent temperature uniformity and stability with powerful air circulation system
- Quick recovery after door opening by means of directional air flow
- Efficient insulation by means of the high density injected polyurethane

RELIABLE AND POWERFUL CONTROL SYSTEM: N-Smart[™]

- Maximum information with highly visible colourful 4,3" LCD display
- Four context-sensitive function keys for versatile & easy use
- Password protected menu to secure run parameters and data
- 5 Language options: Turkish, English, French, Russian, Spanish
- · Icons make the operations easier for immediate understanding

FULL TRACEABILITY AND REMOTE ACCESS

• Operating parameters tracked digitally or graphically against time

• Massive data storage with internal memory which stores the records up to ten years with one hour intervals, digitally and graphically

• Selectable recording frequency for storing the temperature data on memory stick: 10 or 30 seconds, 1, 5, 30 or 60 minutes

- PC connection through USB port
- Ethernet port for remote access through internet by means of optional NuveCloser™ software

• NuveCloser[™] allows to access operating parameters, memory, failure history and other technical parameters

• Optional battery operated weekly chart recorder with key lock providing permanent record of storage conditions with its high resolution









SAFETY OVER STANDARDS

- Password protected control system
- Door with key lock
- Key operated mains power switch to protect the samples
- Audible and visual alarm system for :
- High and low temperature conditions
- Power failure
- Temperature sensor failure
- Open door
- Color of the display changes to red in case of any alarm condition
- Automatically rechargable battery for alarm system
- Display of the actual temperature even at power failure
- Memory for the last 50 failures for easy servicing
- Remote failure diagnostics by means of NuveCloser™ software
- · Sending e-mails up to five e-mail addresses with the details of failure
- Standard remote and central alarm ports
- Optional AlerText[™] SMS alarm system for ultimate security
- Optional NuveWarn[™] remote alarm system



PS 54 PLATELET AGITATOR

Designed to optimize the utilization of the PN Series Platelet Incubators, PS 54 can also be used in similar incubators of other brands.

- Specially designed for platelet bags
- Low noise operation
- Shelves made of stainless steel
- Maximum temperature homogeneity with mesh type shelves for air circulation
- Easy access to platelet bags on pull-out shelves
- Ergonomic shelf design
- Audible alarm if motion is not detected









TECHNICAL SPECIFICATIONS

	DN 450	D 1 200	
	PN 150	PN 300	
Temperature Range	20°	20°C to 35°C	
Display	4,3" Colou	4,3" Colourful LCD Display	
Control System	N-Smart™	N-Smart [™] Control System	
Temperature Set and Display Sensitivity		0.1°C	
Temperature Uniformity @ 22°C		±1℃	
Temperature Alarm	Set temperature	Set temperature $\pm 2^{\circ}$ C / Audible and Visual	
Power Failure Alarm	Audib	Audible and Visual	
Door Alarm	Audib	Audible and Visual	
Remote and Central Alarm Contact	For All Al	For All Alarm Conditions	
Alarm Back-up	Automatic Re-charg	Automatic Re-chargable Battery for 12-Hours	
Door	Insulated Stainless Steel Frame with Triple Glass Window and Key Lock		
Insulation	High Density I	High Density Injected Polyurethane	
Internal Material	Stai	Stainless Steel	
External Material	Epoxy-Polyester Pov	Epoxy-Polyester Powder Coated Stainless Steel	
Chamber Volume, Litres	150	270	
Platelet Bag Capacity	54 bags (with 1 x PS 54)	108 bags (with 2 x PS 54)	
Power Consumption		500 W	
Power Supply	23	230 V, 50 Hz	
Internal Dimensions (WxDxH) mm.	540x545x520	540x545x1170	
External Dimensions (WxDxH) mm.	665x835x1125	665 x 835 x 1740	
Packing Dimensions (WxDxH) mm.	860x700x1300	860x700x1900	
Net / Packed Weight kg.	115 / 128	160 / 190	

FACTORY FITTED OPTIONS

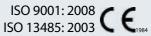
PN XXX Y	Battery operated 7-day Chart recorder	
OPTIONS		
A 08 195	NuveCloser [™] Software CD with 3 m. RS 232 cable	
A 08 191	AlerText™ GSM alarm module	
K 13 009	NuveWarn [™] remote alarm system with 10 m cable	
A 08 070	Pen for chart recorder	
A 08 073	Diagram paper for chart recorder (pack of 100)	

TECHNICAL SPECIFICATIONS - PS 54

Capacity	54 platelet bags	
Number of Shelves	9 shelves supplied as standard	
Shaking Speed	60 strokes/min	
Alarm System	Audible	
Power Consumption	55 W	
Power Supply	230 V 50/60 Hz	
External Dimensions (WxDxH) mm.	440x390x415	
Packing Dimensions (WxDxH) mm.	600x520x610	
Net / Packed Weight kg.	25 / 30	



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