



# PN SERIES

Platelet Incubators



**N-s<sub>2</sub>art**

*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

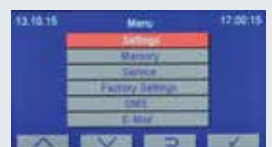
- Excellent temperature uniformity and stability with powerful air circulation system
- Quick recovery after door opening by means of directional air flow
- Efficient insulation by means of the high density injected polyurethane

## 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

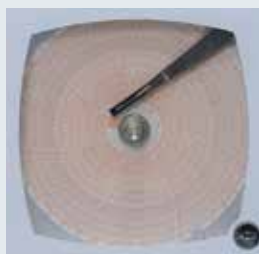
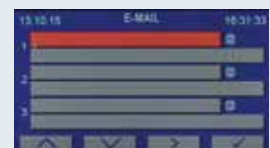
- Operating parameters tracked digitally or graphically against time
- Massive data storage with internal memory which stores the records up to ten years with one hour intervals, digitally and graphically
- Selectable recording frequency for storing the temperature data on memory stick: 10 or 30 seconds, 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



Time	Temperature	Time	Temperature
00:00	22.3	01:00	22.4
02:00	22.3	03:00	22.3
04:00	22.3	05:00	22.1
06:00	22.2	07:00	22.3

## 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 rechargeable 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

	PN 150	PN 300
Temperature Range	20°C to 35°C	
Display	4,3" Colourful LCD Display	
Control System	N-Smart™ Control System	
Temperature Set and Display Sensitivity	0.1°C	
Temperature Uniformity @ 22°C	±1°C	
Temperature Alarm	Set temperature ±2°C / Audible and Visual	
Power Failure Alarm	Audible and Visual	
Door Alarm	Audible and Visual	
Remote and Central Alarm Contact	For All Alarm Conditions	
Alarm Back-up	Automatic Re-chargable Battery for 12-Hours	
Door	Insulated Stainless Steel Frame with Triple Glass Window and Key Lock	
Insulation	High Density Injected Polyurethane	
Internal Material	Stainless Steel	
External Material	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	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



**NUVE SANAYİ MALZEMELERİ İMALAT VE TİCARET A.Ş.**

Saracalar Mah. Saracalar Kümeevleri No: 4/2 Akyurt 06750 ANKARA / TURKEY t. +90 312 399 28 30 f. +90 312 399 21 97  
nuve.com.tr sales@nuve.com.tr

ISO 9001: 2008  
ISO 13485: 2003

