

HAEMATOLOGY. Blood bank instrumentation



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Horizontal shakers for platelet bags “APL-54” and “APL-108”

HORIZONTAL MOVEMENT AT A FIXED SPEED OF 66 R.P.M., LATERAL SHUFFLE OF 40 MM.

MODEL “APL-54”: CAPACITY FOR 54 PLATELET BAGS.

MODEL “APL-108”: CAPACITY FOR 108 PLATELET BAGS.



Platelet bags constant shaking for long periods of time.



FEATURES

Epoxy covered case with treated aluminium platform with AISI 304 stainless steel racks for bags.

Programmable stirring automatic restart and pause device for bags handling (30 ± 90 seconds).

Acoustic alarm in case of power failure.

LCD display informing of the events log: it counts the number of power failures and their duration.

When power is restored, the device automatically restarts the stirring.

CONTROL PANEL

Single button to adjust:

- Date and time programming.
- Shaking stop button for 30 seconds.
- Alarms reset.

- Moving to review the number of incidences.
- Shaker stop time programming.

MODELS	Part No.	N° of Shelves	Capacity bags	Height / Width / Depth Cm.			Power W	Voltage V	Weight Kg
APL-54	3000980	9	54	40	44	39	50	110 / 230 50/60 Hz	22
APL-108	3000981	18	108	40	84	38	50	110 / 230 50/60 Hz	35



Incubation chamber “PLX-IN”

FOR PLATELET BAGS “APL-54” SHAKING, CAPACITY 54 PLATELET BAGS.

FOR REGULABLE TEMPERATURES FROM 18 °C UP TO 60 °C.

RESOLUTION 0,1 °C. STABILITY $\pm 0,1$ °C. HOMOGENEITY $\pm 0,5$ °C. SET ERROR $\pm 0,3$ °C.

Peltier effect. No compressor group. Quiet, vibrations free, high accuracy and low consumption.

FEATURES

Made of transparent methacrylate with swinging door that allows an easy access to the working area and an inside chamber view during bags shaking.

AISI 304 stainless steel lower base.

Auto shut-off protective device in case of door opening and automatic restart in 30 seconds.

CONTROL PANEL

Start-up main switch with digital temperature regulation.

MODEL

Part No.	Height / Width / Depth (exterior) cm			Height / Width / Depth (interior) cm			Power w	Weight Kg
3000958	44	63	65	33	60	50	360	38

It can be supplied for 110 V- 60 Hz on demand.



Note: For a correct bag preservation, it is recommended to keep a temperature between 20 and 24 °C.

Incubation chamber “PLX-IN” Part No. 3000958 with “APL-54” shaker Part No. 3000980



Platelet bags incubated cabinets "Blood Bank" E and F

EXCLUSIVE DESIGN ADAPTED TO ACCOMMODATE PLATELET BAGS STIRRERS "APL".
FORCED AIR CIRCULATION.
FIXED TEMPERATURE AT +20 °C. STABILITY $\pm 1,5$ °C. RESOLUTION 1 °C.
SEVEN DAYS GRAPHIC TEMPERATURE REGISTER.



NEW
DESIGN

SAFETY:

LOW TEMPERATURE THERMOSTAT LIMITER.

VISUAL AND ACOUSTIC INDICATORS: EXCESSIVE LOW TEMPERATURE (+18 °C), EXCESSIVE HIGH TEMPERATURE (+24 °C), OPEN DOOR, MAINS FAILURE
TEMPERATURE GRAPHIC REGISTER. 7 DAYS RECORDER, AUTONOMY 6 MONTHS.
ACOUSTIC ALARM ON ALL FAIL CONDITIONS. ACOUSTIC INDICATOR.



Model E



Model F

APPLICATIONS

Storage cabinet specially designed for platelet bags preservation.

COMMON FEATURES

AISI 304 stainless steel external cabinet and internal lining.
Double glazed door, reversible lockable door, easy to change, with automatic feed-back mechanism and manual locking.
Hermetically sealed compressor mounted on antivibration settlement with forced type evaporator and ventilated type condenser.
Shelves and supports in steel PVC laminated.
2 power outlet base for model "Blood-Bank E" max. power 500 W
6 power outlet base for model "Blood-Bank F" max. power 500 W
Inner air circulation for a more temperature homogeneity.
Temperature sensors located in similar conditions to platelet bags.
Circular graphic register built-in.
Microprocessor temperature control that allows configuration and visualization of the following parameters by means of the display:
- SET adjustment.
- Alarm adjustment.
- Calibration.



Graphic recorder

OPTIONAL COMPLEMENTS

ETHERNET thermometer module

Temperature Record, with control of programmable warnings and graphic representation. It must be installed at the factory.
ETHERNET connection is needed at the place of use.

Part No: **2101627**

Data logger with digital display

PT100 type probe with two meters of cable. Measuring range of -100 °C. at +200 °C. With GSM module for data transmission.

Part No. **2101520**

SPARE PARTS

For 2101511. Part No. **1001862** Additional tray.

For 2101513. Part No. **1001863** Set 2 trays + additional central guide

MODELS	Part No.	Capacity litres	Capacity stirrers	Height / Width / Depth (interior) cm	Height / Width / Depth (exterior) cm	Power W	Power HP	Number of shelves	Weight Kg
Blood Bank E	2101511	560	2 x APL-54	153 54 66	213 80 79	497	3/8	4	165
Blood Bank F	2101513	1240	4xAPL-54 o 2xAPL-108	153 124 68	213 139 79	1034	5/8	8	212

They are supplied with trays and wheels.



Blood bank refrigerated cabinets “Blood Bank”A, C and D

FORCED AIR CIRCULATION. FIXED TEMPERATURE +4 °C. STABILITY ± 1.5 °C. RESOLUTION 1 °C.
SEVEN DAYS GRAPHIC TEMPERATURE REGISTER.
CAPACITIES FROM 80 TO 480 BLOOD BAGS.



NEW
DESIGN

SAFETY:

ALARMS SYSTEMS VISUAL AND ACOUSTIC: LOW TEMPERATURE (+2°C), OVER TEMPERATURE (+6°C),
DOOR OPEN, MAINS FAILURE. INDEPENDENT BATTERY BACKUP GRAPHIC TEMPERATURE REGISTER. 7 DAY RECORDER,
AUTONOMY 6 MONTHS. ACOUSTIC ALARM ON ALL FAIL CONDITIONS. REMOTE ACOUSTIC ALARM.



Model A



Model C



Model D

APPLICATIONS

AISI 304 storage cabinets specifically designed and manufactured for blood bag storage.

COMMON FEATURES

Model A: interior furniture in painted aluminum and base in stainless steel AISI 304, exterior in white enameled steel.

Models C and D: Stainless steel. AISI 304. external cabinet and interior lining.

Double glazed antimist, reversible lockable door, easy to change, self close door if left ajar. Hermetically sealed compressor mounted on shock absorbers with evaporator and forced air condenser.

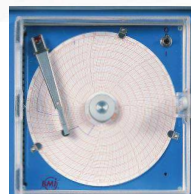
Fan air circulation maintaining homogeneous temperature distribution.

Temperature sensors are located and calibrated to read simulated blood bag conditions.

Independently powered circular graphic register.

Microprocessor controlled temperature control via a display that can configure the following parameters:

- Adjust SET.
- Adjust alarm.
- Calibration.



Graphic recorder

OPTIONAL COMPLEMENTS

ETHERNET thermometer module

Temperature Record, with control of programmable warnings and graphic representation. It must be installed at the factory.

ETHERNET connection is needed at the place of use.

Part No. **2101627**

Data logger with digital display

PT100 type probe with two meters of cable. Measuring range of -100 °C. at +200 °C. With GSM module for data transmission.

Part No. **2101520**

SPARE PARTS

For 2101519. Part No. **1001864** Additional tray.

For 2101512. Part No. **1001862** Additional tray.

For 2101514. Part No. **1001863** Set 2 trays + additional central guide

MODELS	Part No.	Capacity litres	Capacity bags	Height / Width / Depth (interior) cm			Height / Width / Depth (exterior) cm			Power W	Power HP	Number of shelves	Weight Kg
Blood Bank A	2101519	235	80	109	51	55	156	61	62	300	1/7	4	90
Blood Bank C	2101512	560	200	153	54	66	213	80	79	497	3/8	4	165
Blood Bank D	2101514	1240	480	153	124	68	213	139	79	1034	5/8	8	212

They are supplied with trays and wheels.



Model C

OPTIONAL ACCESSORIES,

Metallic drawers, to be ordered separately.

Modular rack system of drawers, divided into compartments and subdivided by plastic dividers for different bag classification, bags are placed upright longitudinal.

Blood Bank A,

System of 4 drawers for 18 bags per drawer. Capacity 72 bags.

Part No. **1001508**

Blood Bank C,

System of 6 drawers for 40 bags per drawer. Capacity 240 bags.

Part No. **1001507**

Blood Bank D,

System of 12 drawers (6 in each compartment) for 40 bags per drawer. Capacity 480 bags.

Part No. **1001506**



Detailed image of the drawers with dividers.

SPARE PARTS

Brackets and shelves

For Bloodbank code 2101499 / 2101500

Brackets - 4 units **1001801**

Shelves **1001806**

Each shelf requires 4 brackets.

COMECTA Shaking monitor for blood collection "HED02"

FOR BAGS BLOOD COLLECTION PROCESSES. SWINGING PLATFORM.

FEATURES

HED02 is a digital blood collection monitor, created to control and monitoring blood collection processes. It has been designed to perform simple, precise and accurate operations.

It is composed of:

- Easily removable tray.
- Wired or wireless interface networking.
- Automatic clamp closing at the end of the donation.
- Automatic tare calculation.
- Real time monitoring of the donation showed on the digital display.
- Stand alone mode (operating with rechargeable battery). 8 hours life.
- Tube sensor presence.

Power supply: 110-220V / 50-60 Hz.



MODEL

Part No.	Max weight Capacity g	Precision g	Resolution g	Height / Width / Depth (external) cm	Power W	Weight Kg
5010000	999	± 3	1	19 32 32	60	5

It is supplied with a transport suitcase.

ACCESSORIES

Barcode reader Hedo-2. Part No. **5010003**

Alarm lamp pool Hedo-2. Part No. **5010004**



Plasma and HPC “PL-3” dry air defroster

EASY CLEANING WITH INCORPORATED STERILIZATION SYSTEM.

3 BAGS CAPACITY.

CONSTANT TEMPERATURE OF 37°C. STABILITY ± 1 .

NEW



SAFETY:

SAFETY THERMOSTAT THAT DISCONNECTS THE BATH IN CASE OF OVERTEMPERATURE. PROTECTION DEVICE WITH AUTO DISCONNECTION IN CASE OF DOOR OPENING. VISUAL ALARM OF ELECTRICAL SUPPLY CUTTING.

Soft swing agitation



FEATURES

ABS external case and AISI 304 stainless steel interior.

Swing agitation.

Temperature motorization with direct reading of the bags by infrared.

Temperature reading dual system.

No additional measuring equipment is required.

USB output for data logging.

Fast tempering function button.

CONTROL PANEL

3.5 inch TFT touch screen:

Start-up switch.

Quick temper button.

Time and temperature reading screen. Sterilization button.

MODEL	Part No.	Capacity bags	Height/Width/Depth (exterior) cm			Power W	Weight Kg
PL-3	3001252	3	30	41	54	5000	20



COMECTA Blood bags tube automatic sealer “Sealcom-B” FOR TUBES FROM Ø 3 TO 6MM.

FEATURES

Metal epoxy covered external case.

AISI 304 stainless steel sealing head.

A microprocessor provides an automatic sealing by dielectric heating when inserting part of the tube in the piston.

Sealing time from 1 to 2 seconds.

CONTROL PANEL

Main switch, with light indicator.

Light indicating operation, sealing and end of sealing.

MODEL

Part No.	Sealing width mm Ø	Height / Width / Depth (exterior) cm			Power sealing W	Weight Kg
5800060	3 to 6	15	16	34	400	7



COMECTA Manual plasma extractor “PR-B”

EASY TO USE

MANUAL SYSTEM THAT ACCEPTS ALL KINDS OF PLASMA BAGS.

TRANSPARENT PLATFORM FOR VISUAL CONTROL OF THE PLASMA.

STAINLESS STEEL AISI 304 CABINET.

MODEL

Part No.	Height / Width / Depth (exterior) cm			Weight Kg
5800061	25	17	30	2,6

