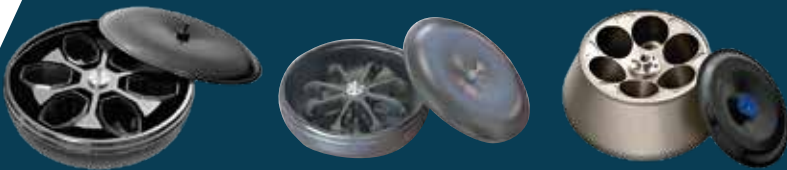




# Blood Bank Processing Solutions

## DP-2065R 12 B



Calidad ISO 9001/13485  
ANMAT: PM1532-1

📍 Calle 34 (Ex Francia) N° 3917, San Martín - B1650IHM - Bs. As. - Arg.  
☎ 4755-7780 / 4755-4004 📞 11 2488 7703  
🌐 [www.presvac.net](http://www.presvac.net) ✉ [presvac@presvac.net](mailto:presvac@presvac.net)





The **Presvac refrigerated centrifuge**, model **DP-2065 R 12B**, is a **high-capacity system** engineered for **heavy-duty processing** in **blood banks and transfusion centers**. Its rotor accommodates up to **12 blood bags** (double, triple, or quadruple) using **2,400 mL bag carriers**, and reaches a **maximum speed of 4,000 RPM**, delivering efficient, reliable component separation.

The **MEMOSOFT V** control platform enables the setup of up to **50 programmable protocols**, with precise adjustment of **speed, temperature, time, acceleration, and braking**.

This centrifuge incorporates **multiple safety systems**, including automatic lid locking, imbalance detection with immediate stop plus audible and visual alarms, a **brushless low-maintenance induction motor**, and a CFC-free refrigeration system designed to be environmentally responsible.

Optionally, it can be equipped with a **barcode reader and USB data export**. These features support **automatic logging of date, time, method, and duration for every run**, ensuring full traceability and digital storage of process data.

## Enhanced security



### Imbalance detection with immediate stop

Provides real-time imbalance monitoring with an instant stop function, protecting both the equipment and samples against any load imbalance.



### Stable installation

Adjustable Ø120 mm feet ensure the centrifuge is installed securely and steadily in any environment.



### Comprehensive alarm system

Equipped with a multifunction alarm system that monitors abnormal voltage, high temperature, over-speed, load imbalance, missing rotor, brake anomalies, and motor faults.



### Anti-vibration lid lock

Prevents accidental opening during operation, safeguarding sample integrity and operator safety.



### Robust construction

A fully enclosed steel outer casing and a 12 mm steel chamber deliver exceptional durability and operational safety.



### High-quality connectivity

Equipped with a 220 V, 50/60 Hz power connector for easy, fast, and safe operation.



### Emergency lid release

Allows the lid to be manually opened in the event of an emergency or power loss.



### All-stainless-steel chamber and inner lid

Delivers excellent durability and corrosion resistance, ensuring a long service life.



## Key features of the 12-bag centrifuge

- **Expanded programming capacity**

Streamline operations with built-in memory that stores 50+ customized programs—ideal for standardizing and automating complex procedures in high-demand environments.

- **Advanced thermal efficiency**

Reach a 4°C operating temperature in just 15 minutes from ambient conditions, ensuring fast start-up and optimal performance for temperature-sensitive processes.

- **Low-impact acoustic design**

Reduce laboratory noise with an optimized structural design that keeps sound levels below 65 dB, even at maximum speed.

- **Dynamic cycle management**

Fine-tune every operational stage with 10 programmable acceleration and deceleration ramps, allowing centrifugation profiles to be tailored to the specific requirements of each application.

- **High-efficiency, low-maintenance drive system**

Powered by a brushless induction motor, this unit delivers clean, continuous operation with minimal maintenance, supporting long-term operational reliability.

- **Enhanced stability**

A low center-of-gravity structural design provides maximum mechanical stability during operation, contributing to safe, consistent, and reproducible results across all load types.

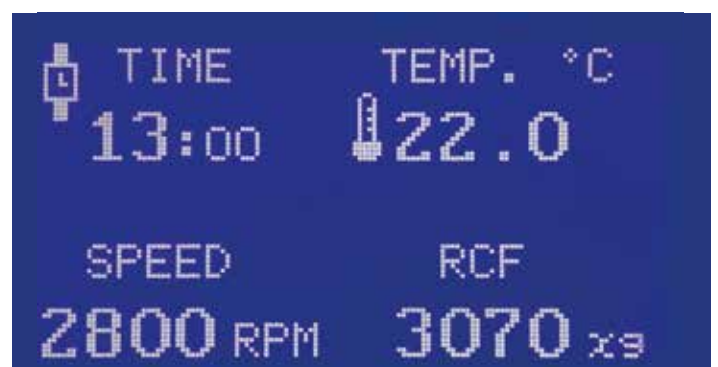


## MEMOSOFT V Control Panel



The **MEMOSOFT V control panel** combines proven reliability and safety with an intuitive **user communication system** via **graphic displays** for streamlined programming and equipment management. This upgraded platform can **automatically store all processed units** and supports **USB data export**, ensuring maximum traceability throughout blood unit processing.

With this management system, you can identify **exactly when each blood unit was processed** and securely store the complete centrifugation cycle data—**date, time, method, and process duration**—delivering a **comprehensive, traceable, and secure**







Program Display & Activation



Program Creation & Storage



Manual



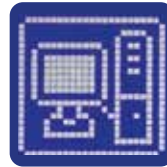
User Group



Program Selection



Delete Program



PC Data Connection & Transfer



Enable Data Storage System



Date & Time Settings



Maintenance Time



User Screen Lock



Delete Database



Centrifugation Time



User Identification

## Display Graphics Description

```
NAME : P001
TIMER : 13:00
SPEED : 2800 rpm
TEMP. : 22.0 °C
ACCEL. : 75
DECEL. : 75 Actual
CURVE : 10
ROTOR : 35 cm
```

Manual Program Creation

Real-Time Parameter  
Display During Operation

```
TIME : 13:00
TEMP. °C : 22.0
SPEED : 2800 RPM
RCF : 3070 xg
```



## Technical Specifications – DP-2065R 12B Model

Technical Parameter	Value
Depth	1010 mm
Lenght	730 mm
Height	1010 mm
Weight	317 kg
Materials	Ext: enameled steel Int: stainless steel
Maintenance clearance	not applicable
Mounting	Horizontal adjustable feed
Max. electrical current draw	20 A
Max. power	4400 VA
Power supply	220V +/- 3% 50/60 Hz
Heat dissipation	3000 Kcal / H Max./Cycle
Required ambient temperature	25°C
Refrigerant	R 404a
Working pressure	60 psi (suction)
Warranty	1 Year
Scheduled maintenance (per manufacturer)	Every 6 Months
Certifications	ISO 13485

## Optional Accessories

### Motorized gas struts



Engineered for enhanced safety, the motorized gas struts enable smooth, controlled opening and closing of the centrifuge chamber, providing an additional layer of user protection.

### Buffy Coat adapters



Includes dedicated adapters for Buffy Coat processing, optimizing cell separation and ensuring reliable, reproducible results. Ideal for clinical and research applications requiring precise extraction of cellular components.



### Barcode Reader

## Centrifuge Rotors



**Rotor 12 B  
with WindShield**

**Swinging  
Bucket Rotor**



(R12WD)

<b>Max RPM</b>	4000
<b>Max RCF</b>	5917
<b>Capacity</b>	6 Bucket



**Bucket  
(set of 6)**



(BU12)

**Adapter  
(set of 6)**



(ADA12)

<b>Maximun Bucket Capacity</b>	2 x 500ml Blood Bag
<b>Maximun Rotor Capacity</b>	12 x 500ml Blood Bag



**Rotor 8 B  
with WindShield**

**Swinging  
Bucket Rotor**



(R8BWD)

<b>Max RPM</b>	4000
<b>Max RCF</b>	5523
<b>Capacity</b>	4 Bucket



**Bucket  
(Set of 4)**



(BU8)

**Adapter  
(set of 4)**



(ADA12)

<b>Maximun Bucket Capacity</b>	2 x 500ml Blood Bag
<b>Maximun Rotor Capacity</b>	8 x 500ml Blood Bag



**Fixed-Angle Rotor  
(R6A)**

<b>Max RPM</b>	7500
<b>Max RCF</b>	13376
<b>Capacity</b>	1000 ml x unidad
<b>Adapters per Rotor</b>	6



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