

# Your **first multiple** sterile connection device

With Maconnect,  
Connect to Excellence



# Macopharma Innovation

For over 40 years, **Macopharma has been at the forefront of innovation**, striving for improvement of patient care via efficient processes and products for the whole Transfusion chain from donor to patient. With this in mind, our team has designed not only a device but a complete solution through the first multiple sterile connection device.

Maconnect's unique design offers the possibility to work differently, safely and more efficiently. Its new and patented technology will help users in their daily work to perform safe pooling operations in one single step.

**Maconnect's design offers ergonomics and flexibility while being easy to use.**



DESIGNED  
FOR YOU



# The Maconnect Innovation

Maconnect is a **unique** and **innovative** concept, especially **designed** to **optimize, simplify** and **step up** the platelets preparation process, while guaranteeing the preparation of a **safe platelet concentrate**.

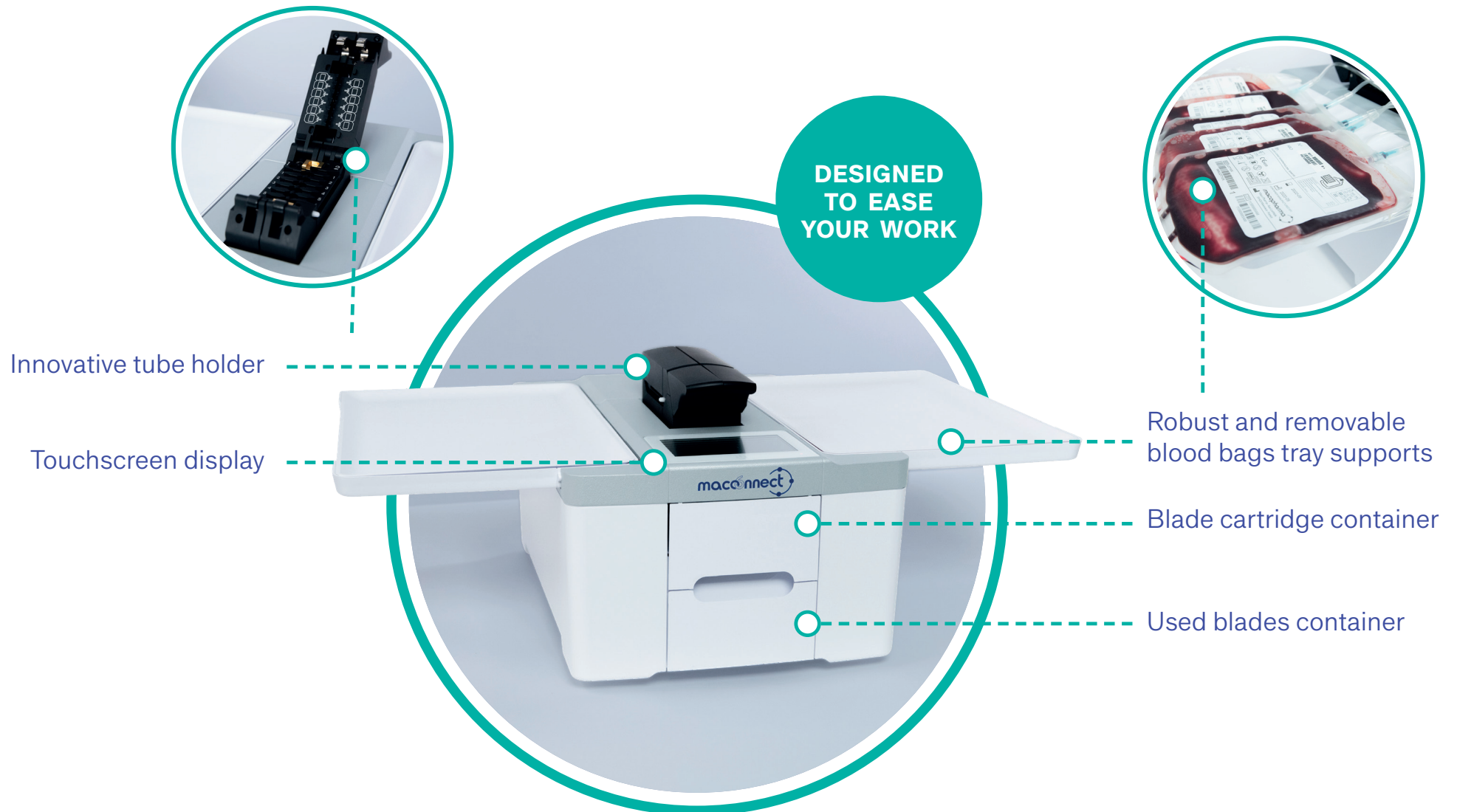
Maconnect is the **very first multiple** sterile connection device, especially designed **for pooling operations**.

Its **one-step procedure** allows the connection of up to 12 tubes, connecting **one pool of platelets with one single blade and device**.

With **one Maconnect and one blade**, **only 30 seconds** are needed to connect one pool of Buffy Coat.

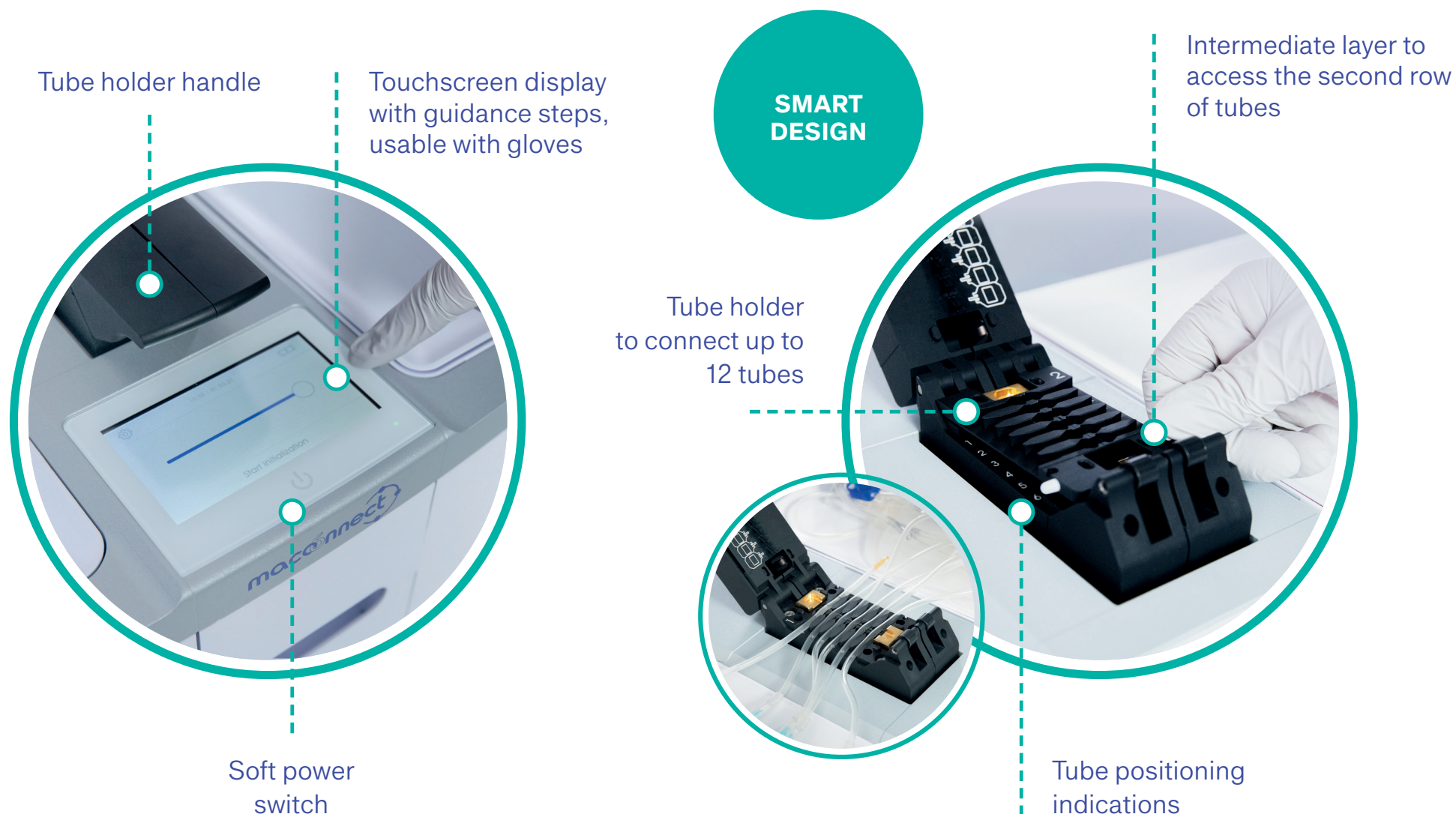


Maconnect, the very first multiple sterile connection device especially designed for pooling operations.





## Maconnect's innovative and unique tube holder's design allows the preparation of one pool of Buffy Coat in a one-step procedure



## Focus on blades

50 single-use blades  
cartridge



Scale indicating the  
quantity of blades

**1 CARTRIDGE  
FOR UP TO  
50 POOLS**



## A shared purpose

Preparing a platelet concentrate is time-consuming, demanding and complex. **Macopharma has designed a solution which improves users' comfort** while guaranteeing the production of a safe product.

RELIABILITY

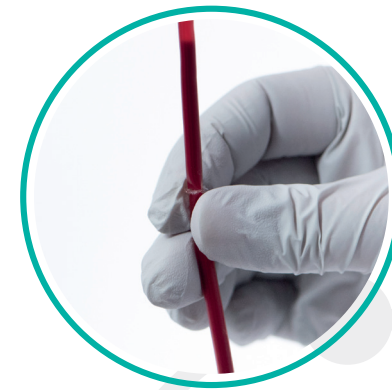
PERFECT  
ERGONOMICS

EFFICIENCY

macconnect

## Reliability

- **High quality connections**, maintaining the tubes' sterility.
- **Safe process thanks** to a single-use blade.
- **Designed with two robust and removable trays** to support 6 blood bags (up to 4 kg on each tray).



maco nect



## Perfect ergonomics

- **Smooth and automatic** 6-in1 welding procedure.
- **Touchscreen display to guide you** through all the steps of the process for an easy and intuitive use.
- **Small footprint to save space** in laboratory environments.
- **Removable tube holder** to ensure an easy cleaning.
- **Decrease of repetitive steps** to improve users' comfort.
- **Insertion & withdrawal** of the blade cartridge facilitated thanks to the location of the drawers at the front of the device.
- **Indication on the remaining blades** inside the blade cartridge on both the display and the cartridge.



## Efficiency

- **Flexibility thanks to the possibility** to perform from 1 to 6 connections with one single blade.
- **Optimized process with up** to 12 tubes connected in 30 seconds with one single blade and device.
- **Increased productivity** to allow operators to focus on other steps of the blood components processing.
- **One cartridge of blades** to prepare 50 pools of Buffy Coat : less replacement and less waste.

« Octopus » method



« Train » method



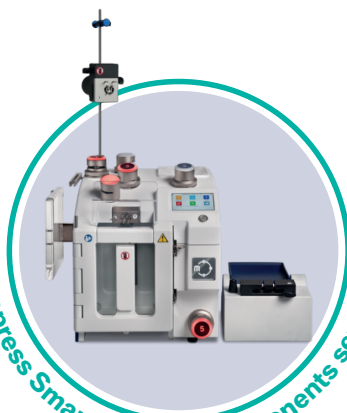
## Our complete solution for the preparation of platelet concentrates from Buffy Coat

As one of the main actors in the **promotion of platelet concentrates from Buffy Coat**, Macopharma now offers you a complete solution to prepare qualitative and safe blood components.

Top & Bottom bags system



Macopress Smarter Blood components separator



macoconnect



SSP+ - Platelet Additive Solution



TRV - TDV pooling kits



# Technical data

## TECHNICAL DATA:

- ◆ Dimensions: Without tray support: L x W x H = 27 x 41 x 23cm (11" x 16" x 9")  
With tray supports: L x W x H = 59 x 41 x 23cm (23" x 16" x 9")
- ◆ Weight: With tray supports: 12.5kg
- ◆ Tubes specifications: PVC  
Inner diameter within : 2.9mm < ID < 3.4mm  
Outer diameter within : 3.9mm < OD < 4.5mm
- ◆ Configurations: Wet/Wet, Dry/Dry, Wet/Dry, Dry/Wet
- ◆ Welding cycle time: ≈30 seconds
- ◆ Mains power supply: 100-240Vac, 50-60Hz, 2.8A (maximum at 100Vac)

## PACKAGING

- ◆ 9MCN49000 = 1 device + 2 trays / box
- ◆ Dimension of cardboard box, L x W x H = 59cm x 39cm x 36.5cm (23" x 15" x 14")
- ◆ 9MCN49209 = 1 blade cartridge in its dedicated box

## CONDITIONS OF TRANSPORT & STORAGE

- ◆ Temperature: -10°C (14°F) to +60°C (140°F)
- ◆ Relative humidity: 20 to 80 % (without condensation)
- ◆ Pressure: 500 to 1060 hPa

## CONDITIONS OF USE

- ◆ Temperature of use: +10°C (50°F) to +40°C (104°F)
- ◆ Temperature of tubes: +4°C (39°F) to 28°C (82°F)
- ◆ Relative humidity: 20 to 80 % (without condensation)

## REGULATION

- ◆ Complies with MDR (UE) 2017/745, Class I

## INTENDED PURPOSE

The Maconnect and its blades, used together, are intended to generate up to six connections between internally sterile and closed PVC tubes commonly used in blood processing applications.



**“We believe in making  
the best out of every  
drop of blood that  
flows from a donor  
to a patient.”**



**[www.macopharma.com](http://www.macopharma.com)**

The Maconnect and its blade cartridge are registered as CE marked Class I Medical Devices in accordance with the medical device regulation 2017/745/EU.

This document is for exclusive use of healthcare professionals.  For more information, please read the instruction for use.

The products are not available in every country, please contact your sales representative.



**MACOPHARMA** • Rue Lorthiois 59240 Mouvaux France • Tel : + 33 (0) 3 20 11 84 00 • Fax : +33 (0) 3 20 11 84 03  
Société par actions simplifiée au Capital de 493.115 € RCS Lille Metropole 391 600 905 • Code APE 4641 Z • TVA FR 313 916 009 05

