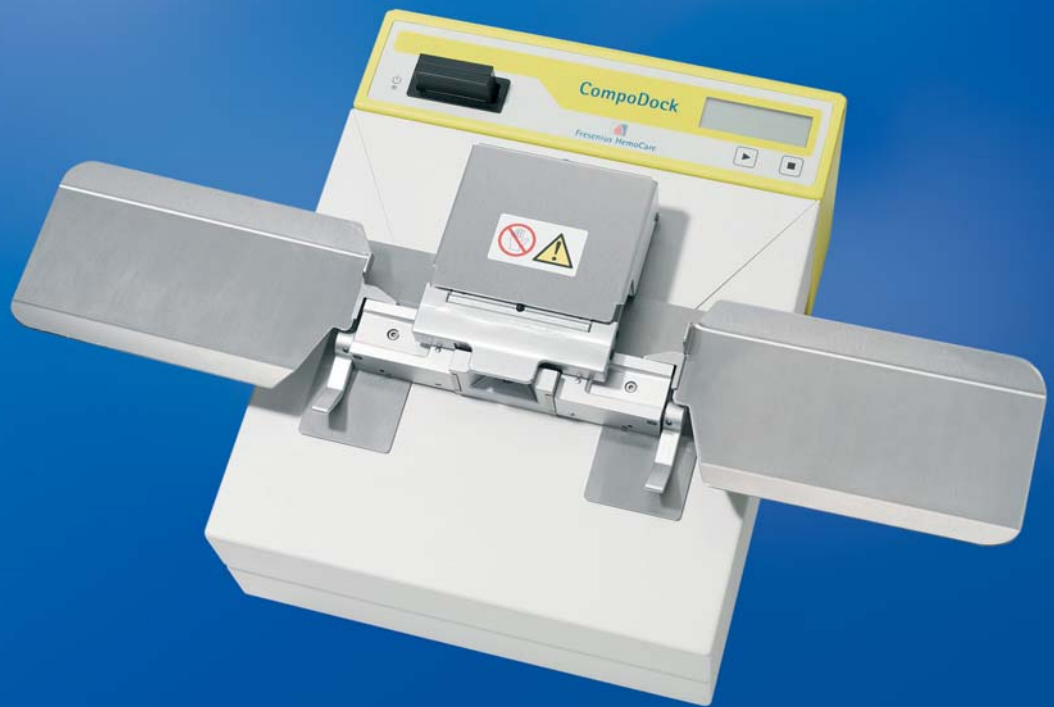


CompoDock®

Sterile PVC tube connections in just two steps



Unique waferless technology

Fully closed system

Quick and easy handling

New position cover

Significantly reduced odour
compared to systems using
wafers



Fresenius HemoCare

CompoDock®

The patented technology for sterile connection of PVC tubing – new and improved

Unique waferless technology:

CompoDock is a unique machine that does not require wafers as it has a permanent heating element. This leads to a number of benefits on environmental/health and **safety** aspects in operation:



Quick and easy handling:

Operation is quick, as no wafer loading is necessary. Wafer loss caused by jamming cannot occur. The loading of the system takes place in just two steps (see page 5) and is designed to prevent any problems with tube mix up. Finally, no contaminated wafers have to be disposed of.



New tube alignment:

The new position cover prevents fail docks due to misalignment. Tube guards (see picture - marked in red) position the tubes automatically in the right position, whenever the cover is closed. This construction of the new tube alignment supports fail safe handling, which is especially attractive for intensive use.



Fully closed system / reduced odour:

The element heats the sealed tube ends without touching them. The tube ends of the docked tube remain sealed until the dock is completed and the waste tube ends remain closed for disposal (no risk of contamination).

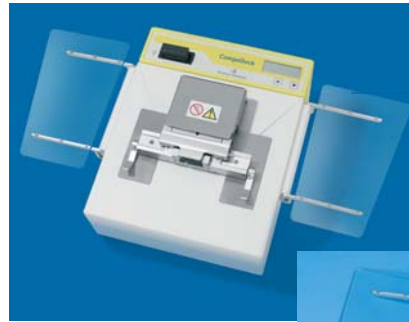
The smell caused by burned PVC material is significantly reduced compared to systems using wafers. This is very much appreciated by operators using existing systems.

Reduced tube length:

By introducing the new moving bag support trays the disposables are transported together with the clamps during the docking process. The benefit is that the minimum required tube length is reduced to 8 cm.

Field of application:

- Pooling of buffy coats and/or platelet concentrates
- Sterile docking of filters
- Sterile docking of platelet additive solution
- Paediatric use
- Virus inactivation procedures
- Sampling
- Modifying apheresis sets



CompoDock with plexiglass tables

A pair of plexiglass tables is available as an optional extra to support bags during docking



Tube compatibility and processing time

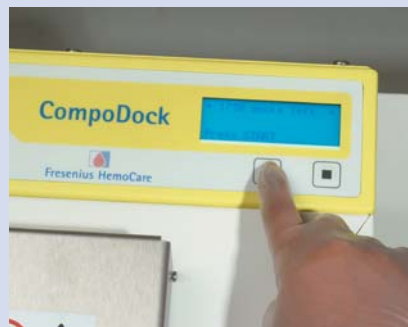
CompoDock enables you to make sterile connections between medical PVC tubing:

- between all wet and dry tubing combinations (wet - wet / wet - dry / dry - dry)
- with outer diameter varying between 3.9 mm and 4.6 mm (3.9 - 3.9 / 3.9 - 4.6 / 4.6 - 4.6) and a wall thickness of 0.5 - 0.85 mm
- with a process cycle time of approx. 20 seconds

Just two manual steps to create a sterile connection:



1. Place the tubing inside the tube channels, press down the position cover and close the clamps. The docking process starts automatically.



2. Finally, take out the dock and press the START button to reset the clamps for the next process cycle. That's it!

① **New and Improved**

Moving bag support trays reduce the required tube length and ensure correct positioning of tubes

- Very simple loading of bag systems as the clamps only have one tube channel: a mix up by accident is not possible!



Highly efficient pooling by 'train' method



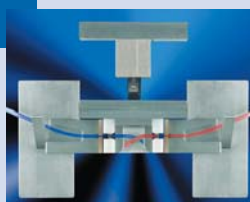
Patented technology for a sterile connection of medical PVC tubes

1



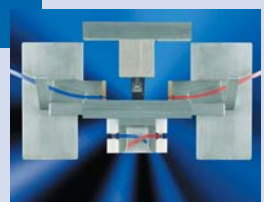
The tubes are placed inside the clamps. As there is only one tube channel, a mix up by accident is impossible.

2



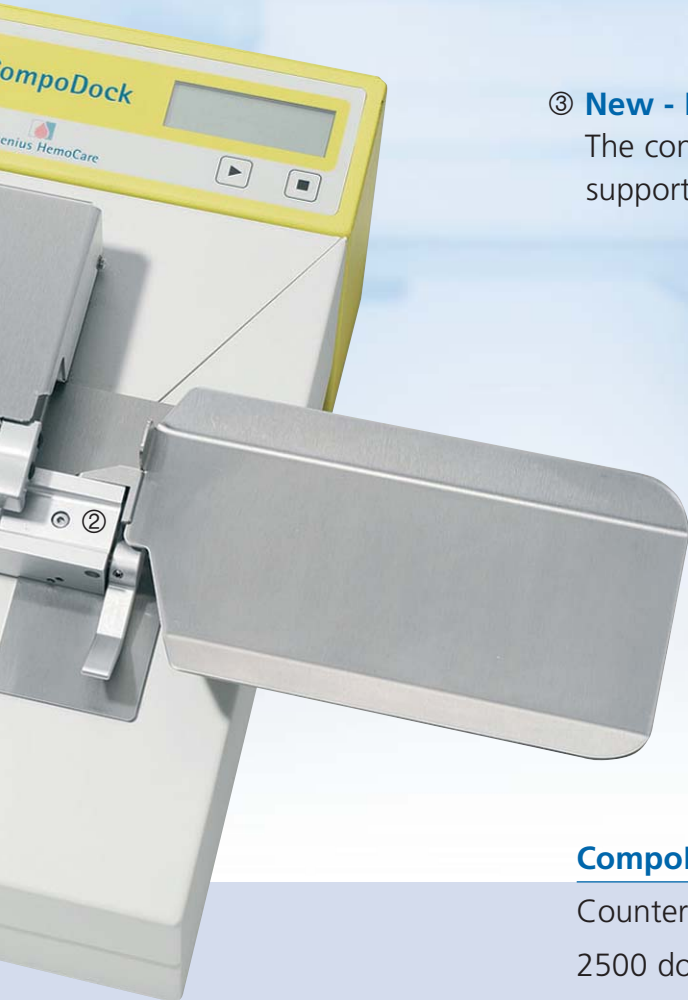
The docking process is fully automated – after the clamps are closed the tube ends are sealed.

3



The clamps move to the upper heater and docking chamber.

- ② **New and Improved**
Clamps to assure optimal
tube alignment



- ③ **New - Position Cover**
The construction of the position cover
supports fail safe handling

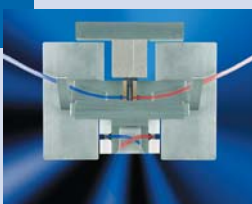
- ④ **New and Improved**
Re-designed middle block for easier
tube positioning; also supporting
correct tube alignment

CompoDock Counter

Counter with 500, 1000 and
2500 docks available

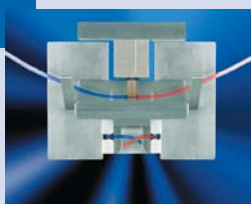


4



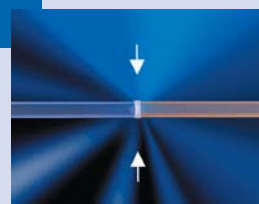
The permanent heating element
comes out – and heats the sealed
tube ends without touching them –
resulting in only little odour.

5



The docking process – both
clamps move together to
connect the heated tube
ends.

6



The dock is now ready
and can easily be opened by
pressing the connected
tubes.

Ordering information

For more information such as literature, technical details and working procedures as well as for equipment please contact your local sales representative or us.

9028651 CompoDock
delivered with a counter of 100 docks,
230/240V AC; 50/60 Hz
Dimensions (LxWxH): 340 x 220 x 450 mm
Weight: 22.8 kg

9028721 CompoDock 100V AC; 50/60 Hz

9028681 CompoDock Counter 2500 docks

9028691 CompoDock Counter 1000 docks

9028701 CompoDock Counter 500 docks

M 63985 Plexiglass tables left/right

Upgrade information for the previous CompoDock version

Main components of CompoDock are backward compatible so that installed CompoDock versions can be upgraded to improve reliability and dock quality.

M 659191 Upgrade Kit New Position Cover
one kit / device including installation manual
(compatible to yellow CompoDock only)

M 63945 Upgrade Kit New Clamp
one kit / device including installation manual

M 63965 CompoDock Motor
mainly for Y-motor exchange

M 64453 Upgrade New Kit Heater Mechanism
one kit / device including
installation manual



Upgrade Kit New Clamp



Fresenius HemoCare

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