

# **CompoGuard<sup>®</sup>** *Advance*

Whole blood donation mixing &  
weighing device combined with  
Wi-Fi Data Management



CompoGuard® *Advance* offers automated whole blood donation combined with the bi-directional Wi-Fi data management software *DonationMaster Advance*.

The large 7-inch color touchscreen display offer symbol based Graphical User Interface for intuitive operation.



# Top features of CompoGuard® Advance



Large 7-inch color touchscreen display with Graphical User Interface for intuitive user guidance



High-capacity Lithium-ion battery allowing up to 100 donations per charge



DonationMaster *Advance* software\* automatically connects multiple CompoGuard *Advance* through Wi-Fi technology



DonationMaster *Advance* software\* supporting bi-directional communication through Wi-Fi technology, and supports various interface formats for Blood Bank Information Systems



Can be used in fixed blood centers and on mobile donation settings

## DonationMaster *Advance*\*

- The supporting software for programming up to 50 donation procedures
- Bi-directional data transfer between DonationMaster *Advance* and CompoGuard *Advance*
- DonationMaster *Advance* can upload data and send data to the Blood Bank Information System, thus offers bi-directional interfacing
- DonationMaster *Advance* collects all relevant donation and scan data
- DonationMaster *Advance* works with Wi-Fi technology
- DonationMaster *Advance* is a Windows based software to be installed on a laptop PC
- DonationMaster *Advance* can be integrated into the Fresenius Kabi DXT software platform

## Integrated Tube sealer\*\*

- For sealing of the collection line towards sampling pouch
- For sealing of the donation line before opening clamp
- Sealing is documented in the DonationMaster *Advance* software

## Large tray designed for reliable mixing result

- Large tray for bag position and mixing of donated blood with anticoagulant in blood bag
- Integrated (leukocyte) filter holders to fixate filter during mixing process



## Integrated and removable Lithium battery

- High-capacity battery sufficient for up to 100 donations
- Battery easy to exchange, charging in- and outside CompoGuard possible
- Integrated charge level display on battery, as well as on CompoGuard screen

### Optenna<sup>\*,\*\*</sup> (optical alarm extension)

- The donation event can be monitored from a distance by the operator
- Optenna blinks when action from operator is needed, e.g. during flow- or end alarm

### Elevated operator panel<sup>\*,\*\*</sup>

- Buttons are in elevated position allowing to operate device while standing upright
- This reduces the need to bend down during operation



### Auto-sense barcode scanner<sup>\*,\*\*</sup>

- Combined 1D/2D scanner
- Auto-sense: scanner automatically switches on when a barcode placed in front of reading window
- Scanner is positioned in holder to allow for hands-free barcode scanning of tubes

### Prepared for future RFID functionality

- CompoGuard *Advance* is prepared for a future RFID processing, may require hardware and software updates

### Gooseneck<sup>\*,\*\*</sup>

- Integrated operator panel, barcode scanner holder and tube sealer holder
- On the back of the Gooseneck there is a donor display: donors can directly monitor their blood donation progress

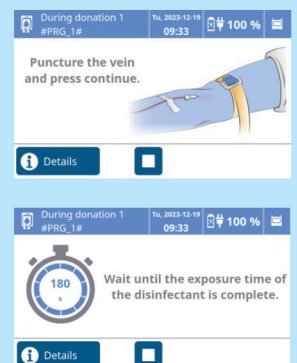


### Safety clamp prevents donation tube from slipping out of the clamp

- Donation tube fixed in clamp during donation
- Tube clamp can only be opened after completed donation & (optional) sealing

### Large color touch screen

- 7-inch color touch screen display, guides the user through the donation process
- New developed Graphical User Interface with visualized program steps supporting intuitive operation
- With IPS (in-plane switching) technology for a wide viewing angle



### USB port<sup>\*,\*\*</sup>

- Data transfer to dedicated USB stick
- Data can still be collected even when not connected to DonationMaster

\* Only available in Data and Complete model  
\*\* Only available in Complete model

# CompoGuard® Advance

## The three different models:

### CompoGuard® Advance Basic



#### The Basic model

CompoGuard® Advance Basic ready to collect whole blood from a blood donor and mixing and weighing of the collected whole blood.

### CompoGuard® Advance Data



#### The Data model

CompoGuard® Advance Data offers additional data collection in combination with DonationMaster Advance.

Bi-directional Wi-Fi connection between DonationMaster Advance\* and CompoGuard® Advance Data.

Enable interfacing with Blood Bank Information Systems.

### CompoGuard® Advance Complete



#### The Complete model

CompoGuard® Advance Complete includes, beside the Data features, an additional radio frequency sealing unit including the hand sealer. The tube sealing is monitored and documented in DonationMaster Advance, the re-chargable battery is included already.

## Equipment for mobile donation

- A robust transport case is made of a high-impact plastic and is designed for transporting the devices to a mobile donation setting
- The transport case also functions as a table during donation
- The transport case has space for all necessary equipment, e.g. barcode scanner, power adapter, tube sealer and battery
- Two transport case models: one without and one with charging option
- The transport case with charging option serves as a charger of the CompoGuard® Advance battery when connected to a power adapter. The transport case can stay closing during the charging process.



\* DonationMaster Advance must be ordered separately

# CompoGuard<sup>®</sup> Advance

## Whole blood donation

### Ordering information

For more information such as literature, technical details and working procedures, please contact your local sales representative

# Process efficiency to help you achieve your goals

This marking reflects compliance with the applicable  
CE Marking requirements for medical devices.



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