# CompoGuard

## Combining safety with efficiency in whole blood donation

**Prevention of back strain injuries to operators**

**Unique volume monitoring by the donors**

**Prevents venting of primary bag following donation**

**Improved mixing of inline systems**

**Highest efficiency of mobile data management**

**Fresenius HemoCare**

# CompoGuard – innovative mixer technology

### RSI prevention (repetitive strain injuries)

The *Gooseneck* feature means that the panel can be operated without bending down. In order to prevent back strain, system loading should be as simple as possible. The new large *inline tray* and the new *safety clamp* enable faster loading which reduces bending time for the operator. This results moreover in increased efficiency.

### Optimal supervision of donation process

A comprehensive safety concept has been realised with CompoGuard. The *Optenna* of the Gooseneck allows an optical alarm to be seen from a distance for the first time and directs the operator to the correct donor bed. Noise exposure caused by acoustic alarms is reduced.

### Reliable prevention of venting of primary bags following donation

The safety of blood bag systems is assured because tubes cannot slip out from the new *safety clamp* during donation. The *tube sealer* is directly *integrated* into CompoGuard. The tube clamp can be opened only after successful sealing. This prevents unwanted air from entering the primary bag. The hand sealer can be used very flexibly. Furthermore, CompoGuard documents this sealing step.

### Improved monitoring of donation by donor

For the first time the *donor* is offered his / her own *display*. The remaining volume of donation can be directly observed. Moreover, if an indicator light blinks the donor must pump his / her hand. This actively prevents flow alarms and contributes to increased blood quality.

### Improved mixing of inline systems

The new *inline tray* with integrated *filter holder* assures optimal mixing. The tray is large enough for complex inline systems. This results in fewer microaggregates thus leading to better processing of inline systems. By preventing bags and tubes hanging over the tray, exact weighing is assured.

### High efficiency of mobile data management

The restricted *DECT radio transmission band* ensures reliable and safe data transmission. The *bi-directional program* selection automatically loads valid bag lot numbers as well as those of authorised operators into CompoGuard. The hands-free *auto-sense scanner* suspended in the holder enables rapid scanning. Correct labelling of bags and test tubes is supervised and GMP documented.

# CompoGuard Models

## CompoGuard *Complete*

The top model *Complete* combines the efficient DECT RF-technology with the new safety standards of the integrated sealing function. Furthermore, it offers all features including optimal inline processing and all bi-directional data management benefits as well as RSI prevention by the Gooseneck.

## CompoGuard *Data*

The model *Data* offers the benefits of reliable and safe data transmission using DECT technology. Furthermore, Data has optimal inline processing and bi-directional data management as well as RSI prevention features.

## CompoGuard *Seal*

The integrated sealing function of the model *Seal* achieves a new level of safety. The tube clamp can be opened only after successful sealing. Data management is only possible by use of a cable.

## CompoGuard *Basic*

The *Basic* model is less expensive but still offers many attractive functions. The main features include the benefits of the safety clamp as well as the inline tray. Data management is possible by use of a cable. The Basic model is the ideal choice if budgets are limited and high quality features are required.

picture:
CompoGuard *Complete*
Scanner not included in model

## 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.

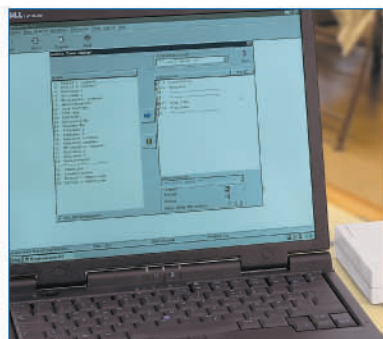| | | |
|---|---|---|
| 9028301 | **CompoGuard Complete, 100-240 V**<br>Basic model + DECT option + sealing option + rechargeable battery + gooseneck | |
| 9028291 | **CompoGuard Data; 100-240 V,**<br>Basic model + DECT option + gooseneck | |
| 9028281 | **CompoGuard Seal; 100-240 V**<br>Basic model + sealing option + rechargeable battery + gooseneck | |
| 9028261 | **CompoGuard Basic, 100-240 V**<br>Basic model (excl. battery) | |
| M 636281 | **Upgrade Option DECT for models Basic and Seal** | |
| M 636301 | **Upgrade Option Seal; for models Basic and Data** | |

INNO-VATIVE

Optenna

**Gooseneck for RSI prevention**

INNO-VATIVE

**Auto-sense scanner**

NEW AND IMPROVED

**DECT radio transmission module: automatic data management with Donationmaster NT**

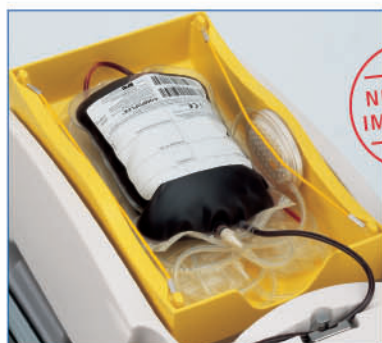NEW AND IMPROVED

**Change battery system**
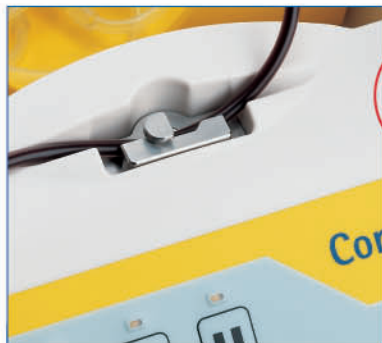
**Integrated tube sealing**

INNO-
VATIVE

INNO-
VATIVE

**Donor display with flow pre-alarm**

NEW AND
IMPROVED

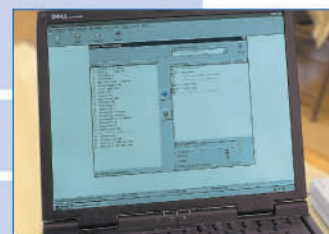**Large inline tray with integrated filter holder**

NEW AND
IMPROVED

**Safety clamp**

**Robust transport case for mobile donation**

## Data management accessories

| | |
|---|---|
| **9028321** | **Barcode scanner** with integrated auto-sense function |
| **9028341** | **DECT Fixed-part for radio transmission network**<br>One per PC/network; includes power supply (230V) and cable |
| **9029001** | **DECT Fixed-part clone**<br>Fixed-part clones all have the same DECT-ID number |
| **M 635231** | **USB adapter cable for Fixed-part**<br>With this adapter cable the Fixed-part can be connected to a PC with USB port |
| **9028401** | **Donationmaster NT German**<br>PC program includes installation CD-ROM and manual |
| **9028311** | **Donationmaster NT English**<br>PC program includes installation CD-ROM and manual |
| **9028391** | **Software licence for CompoGuard**<br>Key number for activating the data management; already included in models Data and Complete |
| **9028331** | **Network converter RS485**<br>Only necessary for cable network; includes power supply (230V) and cable<br>Amount: one converter per PC/network |
| **M 636701** | **Y-piece**<br>Only necessary for cable network<br>Amount: one less than number of mixers in a network |
| **M 636671** | **Network cable, 5m**<br>Only necessary for cable network,<br>Amount: one less than number of mixers in a network |

## Accessories

| | |
|---|---|
| **9028371** | **Transport case for CompoGuard**<br>Space for all accessories inside the transport case |
| **9028271** | **Transport case with charging option**<br>Space for all accessories inside the transport case<br>External plug for in-case-charging of battery |
| **9028361** | **4-fold charger for CompoGuard**<br>For four batteries, 230 V, with intelligent battery service |
| **9028351** | **Rechargeable battery for CompoGuard, NiCd technology** |
| **9028381** | **Gooseneck**<br>Includes holder for scanner and hand sealer;<br>included in models Data, Seal and Complete |
| **6612421** | **Cable protection shield**<br>Insert for transport case preventing damages on cables |

**Dimensions CompoGuard:** (L x W x H) 44.5 cm x 22.5 cm x 16.5 cm / Gooseneck panel 54.5 cm Optenna 88.5 cm, **Weight CompoGuard:** 3.4 kg, **Power supply:** 100 – 240 V, 50 – 60 Hz

your local sales organization

# Fresenius HemoCare