HEMOMIX® 2

Electronic blood collection monitor with data transmission

- ↘ **3D mixing system**
- ↘ **Graphics display blu/white with white backlight**
- ↘ **Wireless and cable data transmission**
- ↘ **Memory card**
- ↘ **Barcode reader**
- ↘ **Removable / rechargeable battery**
- ↘ **Customizable barcode protocol on Windows® ambient**

HEMOMIX2 is a modern blood collection monitor designed with most advanced technology.

Electronic blood collection

DELCON

Electronic blood collection monitor with data transmission

is tough and very simple to calibrate: takes only few seconds with a known calibration mass. With the optional removable - rechargeable battery pack, HEMOMIX2 can work without power for up to 50 donations. The battery pack can be charged automatically inside the machine or by the optical external battery charger.

Up to 255 Mixers can be connected on the same network.

Specifications:

:: Weighing range from 10 to 990 ml
:: Collected volume range adjustable with 1 ml steps
:: Adjustable upper safety limit for collected volume (typically 600 ml)
:: Automatic tare to zero for the empty bag
:: Adjustable Low and High Flow alarms
:: Adjustable maximum donation time [up to 20 minutes]
:: Setting of two default volumes
:: Automatic clamp of tubing at the end of donation
:: Detection system on clamp for checking tube positioning
:: 3D mixing system
:: Five possible interface languages
:: EU or US date format
:: Configurable date and time
:: Three types customizable barcode protocols
:: Cable or wireless for data handling - transmission
:: RS 232 port for barcode reader
:: Memory card for data storage
:: Firmware upgrading directly through computer
:: Tough weighing system
:: Weighing accuracy: ≤ +/- 3 ml or gr
:: Up to 1000 donations can be stored on internal memory of HEMOMIX2
:: Service program for direct trouble shooting

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HEMOMIX2 accepts all kinds of blood donor bags. 3D mixing system guarantees best mixing of blood with anticoagulant. Adjustable alarms for low and high flow and set of maximum donation time up to 20 minutes.

Programmable default values for most common parameters of collections. Volume to collect modifiable at any time during the donation too. Auto tare of the empty bag with automatic clamp closing at the end of donation with audible and visual alarms (red light blinks on top of the clamp for easy identification too). Safety switch to control if tubing is well inserted into the clamp. At end of each donation the display shows the final volume collected and the donation time in minutes and seconds. During the collection the graphic display shows: donation time, collected volume and average donation flow. All collection data can be recalled and read from the mixer memory or transferred onto the memory card (see options) or sent to the PC via Wireless or cable (see options). Weighing system of HEMOMIX2

CE

Optional Accessories

HMIX2.DB.22	Calibration mass 500 g
HMIX2.DB.23	External battery charger 100 - 240 VAC
HMIX2.DB.24	Battery pack
HMIX2.DB.30	Transport case (can be used as support for mixer too)
HMIX2.DB.31	Memory card
HMIX2.DB.32	Wireless transmission module for HEMOMIX2
HMIX2.DB.33	RS485 converter for computer connection
HMIX2.DB.34	DCS - data collection software for Windows® PC
HMIX2.DB.35	CCD barcode reader
HMIX2.DB.36	Cable to connect two HEMOMIX2 together or to a computer
HMIX2.DB.37	Wireless module for computer
HMIX2.DB.38	Cable for firmware upgrading

TECHNICAL DATA

HEMOMIX 2

Description:	Electronic blood collection monitor with data transmission
Trade name:	HEMOMIX2
Sales code:	HMIX2.DB.00
Class of protection:	1
Type:	CF
EEC Classification	Class 1 Medical Device (93/43 MDD and Ita. D.L. 46/97)
Reference Standards:	EN 60601-1 for Electrical safety and EN 60601-1-2 for EMC
Power supply:	230 / 115 VAC +/- 10% or with internal rechargeable battery
Line frequency:	50/60 Hz
Power consumption:	45 VA
Fuses:	2 x T315 mA
Using ambient conditions:	Temperature 10 ÷ 40 °C, humidity up to 90% RH without condensation
Type of mixing:	3D with central support
Weighing range:	10 ÷ 900 ml or gr with safety upper limit adjustable
Accuracy:	≤ +/- 3 ml or gr
Dimensions and weight:	350D x 221H x 273W mm about 3 Kg (without battery)

The specification can be changed without notice - Rev. 02-2007 The pictures are only indicative

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