

BIOMIXER 330-1



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BM330-1 is a new development and upgrade of Biomixer 330. BM330-1 offers a complete system for blood collection and data registration. BM330-1 meets the demands of today and in the future for quality control and traceability.

BM330-1 has a unique programming capability which makes blood banks free to choose their own strategy for data registration associated to blood collection and later easily change it according to new global regulations or their own needs.

BM330-1 is ready to be connected to a local network for transferring registration and collection data to a central host computer, on-line registration. BM330-1 can also be ordered with XBee module or upgraded with XBee module for wireless transmission.

This minimizes the risk of mixing up blood bags, speeds up and improves the succeeding analysis and treatment of blood.

BM330-1 is powered by a mains adaptor or interchangeable battery for both stationary and mobile collections.

- Network connections for "On-line" registration"
- Data registration with barcode reader
- Automatic transmission of data
- Homogenous mixing of blood and anticoagulant with a well tested mixing procedure.
- Suitable for all blood bags on the market
- Continuous display of collection time, flow and volume.
- Back lit display.
- Automatic check of blood flow and collection time
- Automatic counterbalancing at start of collection.
- Automated calibration. Store bag tare weight
- Manual and automatic tube clamping
- Pre-programmed standard volumes
- Battery status on display
- Changeable alarm melodies
- USB-connection
- SD-card for collection data
- QC-lockout
- Password protected SETUP-menu
- Automatic sleep mode
- Possibility for Estimated Blood Volume, EBV
- Old data overwrite warning
- Easily upgraded with XBee module
- Languages: Russian, English, Spanish, Swedish and more on request

Technical data

Power supply	Mains adaptor 100-240 VAC also operates as a battery charger
Power consumption	Max 10VA
Fuses (built in)	Self recovery fuses
Max volume	(collected blood) 800 ml
Collected volume	50-999ml (collected blood)
Accuracy	<1% of max weight +-1 ml
Taring range	0-600g
Mixing cycle	16 cycles/minute
Data storage	Up to 1 million collections
PC connection	RS232, 9-pole Dsub male or USB
Network connection	RS485 (multidrop) 6/4 modular
Wireless connection	XBee (optional)
Barcode reader connection	RS232
Dimensions	290 (L) x 253 (W) x 185 (H) mm
Weight	3,7kg (4,4 kg incl. battery)
Protective classification	Class II, type B