

Designed for clinical excellence

Hospital-grade performance to VET-PET practice.

MELLIFLUUS CORE 1

See more.
Know more.

We care -introducing the mAAbbu PET VET- specific Intensive Care Hemodynamic Monitoring solution (MC-1) designed to significantly **reduce risk + elevate patient safety through every precise intervention.**



Temp



Pulse



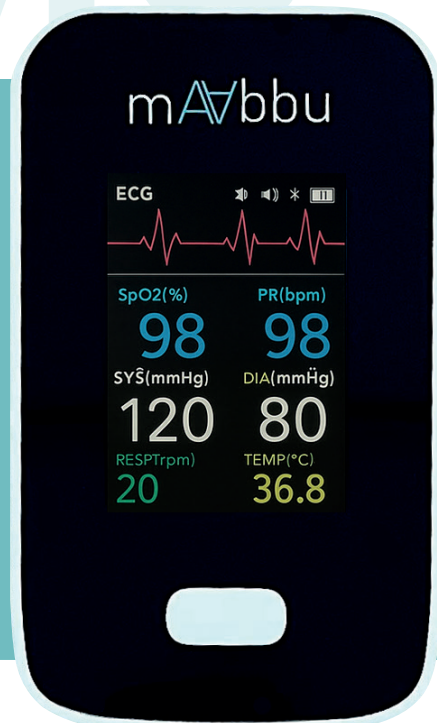
ECG



SYS +
Diastolic



SpO₂



REAL TIME FEATURES

- ✓ SP02 % measurement
- ✓ Electrocardiogram (ECG) measurement
- ✓ Patient / PET specific cuffs
- ✓ Pressure indicator for the 5x cuff sizes
- ✓ Patient Temperature measurement
- ✓ Systolic and diastolic Blood Pressure
- ✓ Fully Portable
- ✓ Pulse rate & indicator
- ✓ Pulse Waveform
- ✓ RESP (rpm) = Respiration Rate

Our purpose is to create **medical Awareness for all**
Alive beings beside us (mAAbbu) - by producing
unique outstanding products & solutions which fulfill
market needs with the outcome of a better world.

mAAbbu™

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Technical Data Sheet

MELLIFLUUS CORE 1

mAAbbu™

MC1 (MC1D1) with starter accessories and consumables

Opt. accessories and consumables

Fully VET customized

Basic Hemodynamic Monitoring	TFT 2.9" Color LCD (EN55011 Class A)	
	Pressure with +/-3 mmHg max. deviation	
	Systolic (SYS) 30mmHg -255mmHg (real time displayed)	
	Mean arterial pressure (MAP) 20mmHG-235mmHg measurement	
	Diastolic (DIA) 15mmHG-220mmHg (real time displayed)	
Intensive Care Monitoring	Temperature vascular/surface 25°C -45°C (real time displayed)	
	Heart rate 15bpm to 300bpm (real time displayed)	
	Electrocardiography ECG measurement (real time displayed) incl. VET specific alligator clips (clips MC1AA1)	MC1AA1
	PET Oxygen saturation (SpO2 35%-100%, real time displayed) in % incl. cables and clips +++ Red & Infrared (666nm-905nm)	
	RESP (rpm) = Respiration Rate via ECG (real time displayed)	
Pulse Diagnostic	Pulse Rate 40-240bpm with +/-2 bpm (real time displayed)	
Memory trend chart	Memory trend chart with memory	
Non-invasive blood pressure animal specific cuffs	Consumables	Single use animal specific cuff sizes (Latex free)
		· 1xXS pressure cuff (3 – 6cm)
		· 1xS pressure cuff (4 - 8cm)
		· 1xM pressure cuff (6 - 11cm)
		· 1xL pressure cuff (7 - 13cm)
		· 1xXL pressure cuff (8 - 15cm)
	Accessories	Multi use animal specific cuff sizes (Latex free)
		· 1x mid animal cuff 6-11cm*
	Function	Cuff Pressure Indicator
Weight and Dimensions	Weight 256g +++ Dimensions 140mmx82mmx46mm	
Power	Battery 3.7v with 1800mAh lithium battery	
	Wired DC 5.0V /1A with battery level indicator	
	Wireless charging dock 5W with battery level indicator	MC1AC1
	1x USB-A to USB -C power cable	MC1PC1
	Battery saver: after 90s non-activity sleeping mode with 2.5s wake up	
General	Visual battery level Indicator	
	Operational temperature -5°C to 40°C with a maximum of 85% humidity	
	Application indicators (visual movement disturbance indicator)	
Accessories	Bluetooth Module	
	1x MC1 specific mobile carry case in black	MC1ACC1
	1x MC1 NIBP tube cable	MC1ANIT1
	1x User & Installation manual	
	1x ECG, Heart Rate and temperature cable including sensor	MC1AHC1
	1x VET PET SpO ₂ cable and sensor with 2 clips	MC1AS1

*additional multi use cuffs available: MC1 Re-usable VET specific blood pressure cuffs XS to XL size

For the most up-to-date information, please consult the latest mAAbbu price list and/or catalogue. Article numbers, product specifications, and available accessories/consumables may have changed since the publication of this information. Please also refer to our current General Terms and Conditions.



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Let's talk about what matters.

