Measurement range	
SpO$_2$	~~0 - 100%~~ *0.5* (handwritten)
Pulse rate	30 - 240 bpm
Perfusion	0.1 - 30%
~~Haemoglobin~~	~~0 - 25% g/dl~~
Haematocrit	35 - 53%[1]
Methaemoglobin	0 - 10%

Accuracy	
SpO$_2$	60 - 100% ± 2 A_{RMS}[2]
Pulse rate	30 - 240 ± 2 bpm
Haemoglobin	8 - 20 g/dl ± 1 A_{RMS}[2,3,4]
Haematocrit	35 - 53% ± 2.9 A_{RMS}[1,2,3,4]
Methaemoglobin	0 - 10% ± 1 A_{RMS}[2]

Display
Features	TFT colour display, 262,000 colours, 240 x 320 pixels
Data displayed	Multi-parameter monitor for SpO$_2$, non-invasive Haemoglobin (Hb), Methaemoglobin (MetHb), Pulse rate (PR), Haematocrit (Hct), plethysmogram, bar graph
Indicators	Signal strength and signal quality, pulse amplitude, battery status, sensor disconnection

Environmental Conditions
Operating temperature	-0 - 40°C , 15 - 95% RH (non-condensing), 800 - 1200 hPa ~~(excluding Li-Poly battery)~~[5]
Storage temperature	-30 - 70°C, 10 - 95% RH (non-condensing), 800 - 1200 hPa ~~(excluding Li-Poly battery)~~[5]

Regulatory Approvals
Standards	CE Class IIb in accordance with MDD 93/42/EEC ~~IEC 60601-1:2005 (3rd edition), IEC 60601-1 (2nd edition)~~ IEC 60601-1-2:2007-12 (3rd edition), EN ISO 80601-2-61:2011, ISO 1497 :2013,
Safety	IEC 60601-1-6:2010, ISO 10993-1:2009, ISO 10993-5:2009, ISO 10993-10:2010 Class II, Type BF - Type and degree of protection against electrical shock

Assembly
(handwritten: CONSTRUCTION)
Construction	IP31 (with silicone protective cover)
Dimensions	155 mm (L) x 75 mm (W) x 35 mm (H)
Weight	Approximately 550g (including batteries)
Power Supply	90 - 260 V AC/6 V DC, 50 - 60 Hz, 4 x AA alkaline batteries, 2.5 Ah Li-Poly Battery
Battery Life	up to 300 spot check measurements at an ambient temperature of 25°C
PC interface	USB 2.0

Part Numbers
VM-2400 Haemoglobin monitor *??????? (handwritten: 0012400)*
~~Language Package: Central European, includes: English, Afrikaans, Dutch, French, German, Hungarian, Italian, Polish, Portuguese and Spanish~~

Standard accessories included:
VM-2400 Haemoglobin monitor
VM-2400 sensor
VM-2400 Counter key (500 units)
USB Cable
Silicone Protective Cover
Power supply (EU and UK Plug)
4 x AA batteries
1 x Li-Poly rechargeable battery
Instruction Manual

(handwritten: 0024001)

Additional Accessories
Anti-stress ball	*(handwritten: 2)* ???????
IR-A radiator Philips InfraCare® HP3621	???????

(handwritten: 0024002 / 0024002)

[1] Calculated from Hb value (Hb [g/dl] * 2.94) | J.D. Bauer, P.G. Ackermann, G. Tori, Clinical laboratory methods The C.V. Mosby Company, Saint Luis 1974, S. 156
[2] A_{RMS} ± 1 A_{RMS} represents approximately 68% of measurements
[3] Preheated
[4] Valid if SpO$_2$ > 89% and MetHb < 6%
[5] Wih Li-Poly battery the conditions are reduced to: operating while charging at 0 - 40°C and 860 - 1060 hPa, storage (1 month) at -20 - 60°C and 860 - 1060 hPa

CE 0086   Specifications subject to change

Distributed by:

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(handwritten: 0042640)