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1. Product identification

Description:	Handheld Multi-Parameter Monitors
Models:	CapnoTrue®AMP (Mainstream CO ₂ /SpO ₂)
	CapnoTrue®ASP (Sidestream CO ₂ /SpO ₂)
	CapnoTrue®MG (CO ₂ , N ₂ O, HAL, ENF, ISO, DES, SEV /SpO ₂)
Technical specification:	-

Manufacturer:	Bluepoint medical GmbH & Co. KG
	An der Trave 15
	D-23923 Selmsdorf
Additional specification:	-

2. Table of difference in models

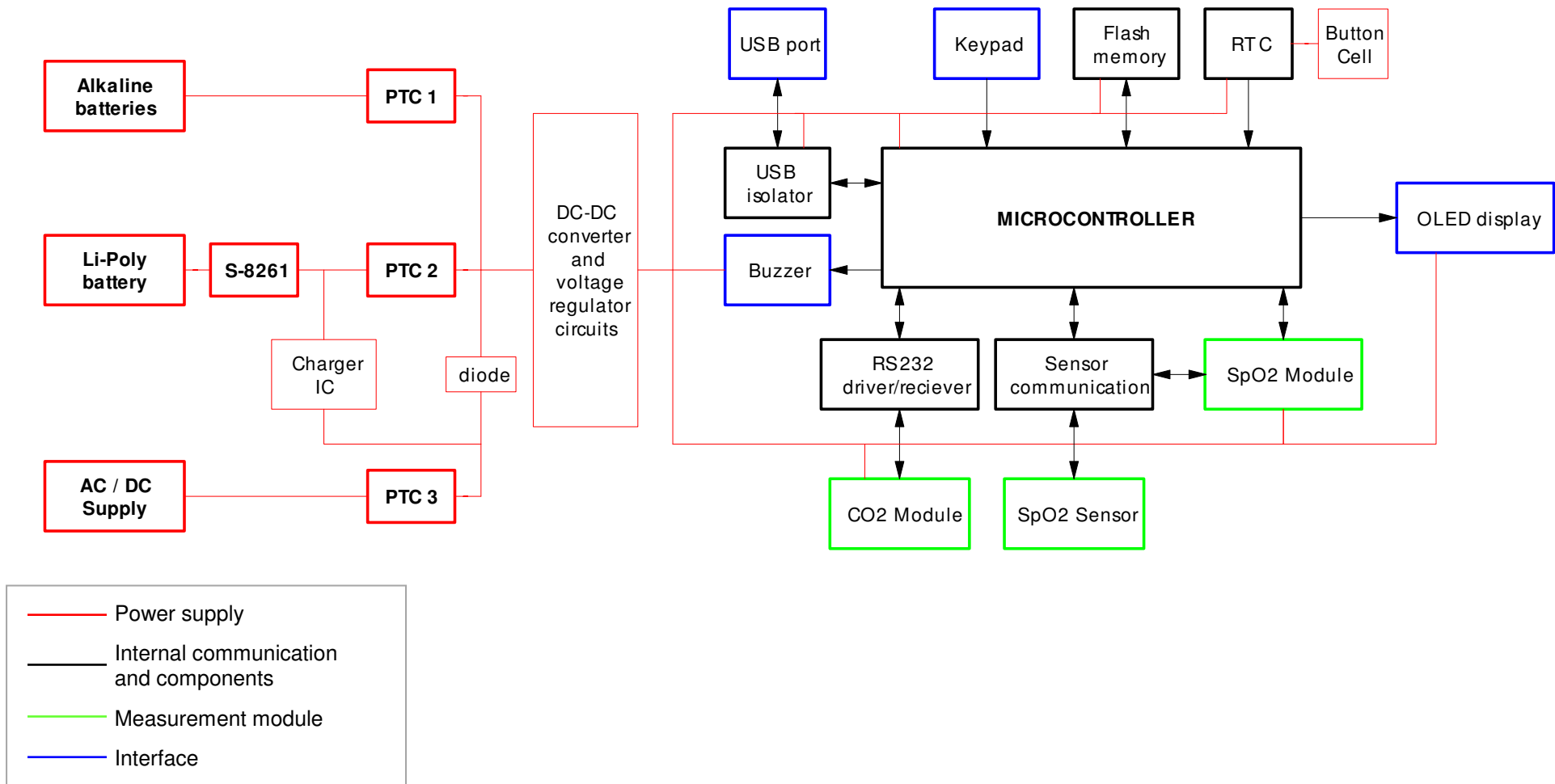
CO ₂ Model	CapnoTrue®AMP	CapnoTrue®ASP	CapnoTrue®MG
Name	IRMA CO ₂	ISA CO ₂	IRMA AX+
Implementation	External Analyzer	Internal module	External Analyzer
Interface to device	4-Pin connector	Gas inlet	4-Pin connector
Gas outlet	Non (airway adapter)	At back housing	Non (airway adapter)

3. List of critical components in power supply circuit

Component	Manufacturer	Model	Technical data
Power supply unit	Friwo	FW7660M/06 Q061389	In: 100-240 VAC, 50-60Hz / 250mA, Out: 6VDC / 1,4A
Battery (non-recharge.)	several	AA	4 x 1.5V
Rechargeable Lithium battery	bluepoint medical labeled	743250*2 / 3.7V (CT-2500 labeled)	3.7V; 2500mAh, max. charge voltage 4.25V, discharge cut-off 3.0V, 60 °C, protection IC S8261
Protection circuit Lithium battery	Seiko Instruments	S-8261	Overcharge detection voltage 3.9V to 4.4V; Overdischarge detection voltage 2.0V to 3.0V; 85 °C
Charging controller	National semiconductors	LM3658SD	4.5-6Vdc, 0-1000mA, +85 °C
PTC1_1A PTC2_1A PTC3_1A	Bourns	MF-MSMF110	6V, Ihold 1.1A, Itrip 2.2 A, -40 to +85 °C UL1434, UR (XGPU2.E174545)

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4. Functional Hardware Block Diagram



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Document History Log

Rev.	Date	Name	Modifications
0	25.03.2011	H. Fröhlich	Initial version in this format
1	31.05.2012	H. Fröhlich	Included: 3. List of critical components in power supply circuit Included: Safety measures implemented in power supply circuit in "4. Functional Hardware Block Diagram"