



1. Product Specification BWMini PSG

BWMini PSG

Channel Name					
#	Channel Name	#	Channel Name	#	Channel Name
1	Fp1 (EEG System 10-20)	13	P3 (EEG System 10-20)	25	EMG2
2	Fp2 (EEG System 10-20)	14	P4 (EEG System 10-20)	26	EMG3
3	F3 (EEG System 10-20)	15	O1 (EEG System 10-20)	27	ECG
4	F4 (EEG System 10-20)	16	O2 (EEG System 10-20)	28	AUX1 Bipolar
5	F7 (EEG System 10-20)	17	M1 (EEG System 10-20)	29	AUX2 Bipolar
6	F8 (EEG System 10-20)	18	M2 (EEG System 10-20)	30	AUX3 Bipolar
7	C3 (EEG System 10-20)	19	FZ (EEG System 10-20)	31	Flow
8	C4 (EEG System 10-20)	20	CZ (EEG System 10-20)	32	Snore
9	T3 (EEG System 10-20)	21	PZ (EEG System 10-20)	33	ABD RIP
10	T4 (EEG System 10-20)	22	LOC	34	THX RIP
11	T5 (EEG System 10-20)	23	ROC	35	Oximeter (BPM) Nonin
12	T6 (EEG System 10-20)	24	EMG1	36	Oximeter (SpO2) Nonin
				37	Oximeter (Pleth Wave) Nonin
				38	Pressure Transducer
				39	Body Position
				40	Dc1
				41	Dc2
				42	Dc3

2. Technical Specifications BWMini

Characteristics	Models / Values	
Study Type	EEG	EEG only
	HST	HST only
	PSG	EEG and PSG
Total Channels (Qty.):	EEG	Up to 37
	HST	Up to 20
	PSG	Up to 42
AC Channels (Qty.):	EEG	29
	HST	12
	PSG	34
DC Channels (Qty.):	EEG	3
	HST	
	PSG	
Oximeter channels:	EEG	Optional
	HST	3 channels: SpO2, BPM and Plethysmography.
	PSG	

Characteristics	Values
Pressure Transducer:	Built –in just for HST and PSG 0 to 1 PSI
Body Position Sensor:	Built-in (Left, Right, Prone, Supine and Stand)
Impedance Check:	YES
Calibration Signal:	0,5Hz, 50µV Square Wave
Notch Filter:	50Hz or 60Hz
Sensitivity Range:	1µV to 500µV
Light detector sensor:	Sensor sensible to luminosity changes
Memory Card:	SD - 16 GB

Characteristics	Values
Data Transfer to PC:	SD Card or USB connection
Battery:	Internal rechargeable Lithium battery 2500mAh (up to 72 hours of recording)
Battery Recharge method:	External power charger; External battery power pack; USB to PC connection
Battery Recharge time:	Approximately 4 hours
Battery pack Expansion:	YES
Resolution:	16 Bits
Data flux:	Microprocessor
Sample rate:	2000Hz
Bandwidth:	0.03Hz to 100Hz
Storage Rate:	300Hz
AC channels Input Range:	5mVpp
DC channels Input Range:	-5Vcc to +5Vcc
AC Channels connector type:	Touch Proof 1.5mm Touch Proof Key for PSG sensors
DC Channels connector type:	P2 - 3.5mm
Cannula connector type:	Luer Lock
Communication connector:	Mini USB
Oximeter connector:	Binder
Length:	5.5in - 14,1cm
Width:	3.5in - 9,1cm
Height:	1.3in - 3,4cm