

1. Product Specification BWMini HST

BWMini HST



Channel Name			
#	Channel Name	#	Channel Name
1	F3 Monopolar	16	Flow
2	F4 Monopolar	17	Snore
3	C3 Monopolar	18	THX RIP
4	C4 Monopolar	19	ABD RIP
5	O1 Monopolar	20	Oximeter XPOD (BPM)
6	O2 Monopolar	21	Oximeter XPOD (SpO2)
7	M1 Monopolar	22	Oximeter XPOD (Plethys)
8	M2 Monopolar	23	Press Transducer
9	LOC Monopolar	24	Body Position
10	ROC Monopolar	25	DC1
11	ECG Bipolar	26	DC2
12	EMG 1 Bipolar	27	DC3
13	EMG 2 Bipolar		
14	EMG 3 Bipolar		
15	AUX Bipolar		

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 27
	PSG	Up to 42
AC Channels (Qty.):	EEG	29
	HST	19
	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