



## 1. Product Specification BWMini HST



| Channel Name |               |    |                       |
|--------------|---------------|----|-----------------------|
| #            | Channel Name  | #  | Channel Name          |
| 1            | F3 Monopolar  | 11 | ECG Bipolar           |
| 2            | F4 Monopolar  | 12 | EMG1 Bipolar          |
| 3            | C3 Monopolar  | 13 | EMG2 Bipolar          |
| 4            | C4 Monopolar  | 14 | EMG3 Bipolar          |
| 5            | O1 Monopolar  | 15 | AUX Bipolar           |
| 6            | O2 Monopolar  | 16 | Snore                 |
| 7            | M1 Monopolar  | 17 | Flow                  |
| 8            | M2 Monopolar  | 18 | THX RIP               |
| 9            | LOC Monopolar | 19 | ABD RIP               |
| 10           | ROC Monopolar | 20 | Oximeter (BPM) XPOD   |
|              |               | 21 | Oximeter (SpO2) XPOD  |
|              |               | 22 | Oximeter (Pleth) XPOD |
|              |               | 23 | Pressure Transducer   |
|              |               | 24 | Body Position         |
|              |               | 25 | DC1                   |
|              |               | 26 | DC2                   |
|              |               | 27 | 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 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<br>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   |