



# Neo ECG T180

## ECGTablet



### Technical Specification

|                    |                                              |                                                                                                                                                                        |
|--------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main unit          | HR range                                     | 30bpm~300bpm                                                                                                                                                           |
|                    | Accuracy                                     | ±1                                                                                                                                                                     |
|                    | Leads                                        | 9,12 lead synchronous acquisition NEO ECG T180(12 lead)<br>or 9,12,15,18 lead synchronous acquisition NEO ECG T180(18 lead)                                            |
|                    | A / D conversion                             | 24 bits                                                                                                                                                                |
|                    | Sampling rate                                | 32000 samples/Sec                                                                                                                                                      |
|                    | Common mode rejection ratio                  | ≥140dB (AC filter on)<br>≥120dB (AC filter off)                                                                                                                        |
|                    | Time constant                                | ≥5s                                                                                                                                                                    |
|                    | Frequency response                           | 0.01HZ ~ 350HZ (+0.4db-3.0db)                                                                                                                                          |
|                    | Sensitivity                                  | Auto, 2.5mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV, 40 mm/mV, less than ±5% error                                                                                             |
|                    | Filter                                       | AC filter: 50Hz, 60Hz, Off                                                                                                                                             |
|                    |                                              | EMG filter: 25Hz, 35Hz, 45Hz, Off                                                                                                                                      |
|                    |                                              | ADS filter: 0.01 Hz, 0.05 Hz, 0.32 Hz, 0.67 Hz                                                                                                                         |
|                    |                                              | Low pass filter: 75Hz,100Hz,150Hz,300Hz,Off                                                                                                                            |
|                    | Paper speed                                  | 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s and 50mm/s, less than ±3% error                                                                                              |
|                    | Input Impedance                              | ≥100MΩ (10Hz)                                                                                                                                                          |
|                    | Input Circuit Current                        | ≤10nA                                                                                                                                                                  |
|                    | Calibration voltage                          | 1mV±2%                                                                                                                                                                 |
|                    | Depolarization voltage                       | ±900mV, ±5%                                                                                                                                                            |
|                    | Noise                                        | ≤12.5μV                                                                                                                                                                |
|                    | Amplitude quantisation                       | 0.95 μV/LSB                                                                                                                                                            |
|                    | Recovery time after defibrillation discharge | <10s                                                                                                                                                                   |
|                    | Pacer pulse display                          | Pacing pulse with amplitude of ±2mV~±700mV, duration of 0.1ms~2.0ms, A-5 rise time of less than 100μs, and frequency of 100/min can be displayed on the ECG recording. |
|                    | Minimum detectable signal                    | 20μVp-p                                                                                                                                                                |
| Size & Weight      | 10.1" Tablet                                 | Size: 272.6mm(L) * 181.2mm(W) * 25.8mm(H)<br>Net Weight: 1.2Kg                                                                                                         |
|                    | 10.1" Base                                   | Size: 274mm(L) * 288mm(W) * 111.2mm(H)<br>Net Weight: 2.5Kg                                                                                                            |
| Analysis algorithm | Glasgow                                      |                                                                                                                                                                        |



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