

portable device



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trentadue
EMG portable device



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General description

Trentadue is a 32 channel portable device for EMG signals detection. It has WiFi capability and it can transfer data online to a PC, tablet or smartphone with a proper running application.



Our technology



Patented concentric electrode CoDe

32 channels

Technical specifications

- Different adapters allow the connection of electrode matrixes, electrode arrays or bipolar electrodes.
- Data detected by the device can be accessed online through a TCP socket. Custom application can be developed in order to acquire or process the signals online. Alternatively, the freeware software OT BioLab can be used to display and acquire the signals collected from Trentadue.



Technical data

Class	II BF
Power Supply	Internal lithium-ion single cell
Battery life	4h
Channels	32
Bandwidth	10 – 500 Hz
Sampling frequencies	500, 1000, 2000 Hz
Resolution	16/24 bits
Input range	0 ÷ 3.3 V _{pp}
Noise	< 2 μV _{RMS}
Input impedance	> 1000 MΩ

