

6. TECHNICAL SPECIFICATIONS

Base unit

Transmission / Reception frequency	2400 – 2524 MHz
Transmission power (ARP)	0,45 mW
Number of channels	125
Power supply voltage	9 Vcc +- 10%
Absorbed power	2 W
Operating temperature range	0 + 50 °C
Input:	
Start trigger	TTL, max ±10 V
Trigger out	TTL
Output:	
EMG Output	± 2,5 V, Zout = 100 ohm
FSW Output	16 levels, max 4 V
USB	USB 2.0
Gain	1.000 (1V/mV)
Dimension	200 x 140 x 50 mm
Weight	800 gr.

EMG Module

Transmission / Reception frequency	2400 – 2524 MHz
Transmission power (ARP)	0,45 mW
Number of channels	125
Power supply voltage	4 Vcc
Absorbed power	50 uW
Operating temperature range	0 + 50 °C
Using range (charged battery 100%)	> 8 h
Stand by range	> 180 gg.
EMG input	+ - 2,5 mV
Filtering High-pass	10 Hz
Low-pass	1 KHz
Sampling rate	16 bit – 2 Ks/sec.
Dimensions	33 x 23 x 19 mm.
Weight	35 gr.

FOOTSWITCHES Module

Transmission / Reception frequency	2400 – 2524 MHz
Transmission power (ARP)	0,45 mW
Number of channels	125
Power supply voltage	4 Vcc
Absorbed power	50 uW
Operating temperature range	0 + 50 °C
Using range (charged battery 100%)	> 8 h
Stand by - range	> 180 gg.
FSW input	for piezoresistive sensors
Dimensions	33 x 23 x 19 mm.
Weight	35 gr.

Docking Module

Recharging capacity	10 modules
Power supply voltage	9 V +- 10%
Maximum absorbed power	7 W
Recharging time	8 h (max. 24h)
Dimension	190 x 110 x 55 mm.
Weight	500 gr.

Net feeding

Power supply voltage	100 – 240 V 50/60 Hz
Output voltage	9 V cc, 1,5 A
Power supply cable	2,1 X 5,5 S 11,5 coax (+ central)

Environmental conditions

Operating temperature	0°C /+45 °C
Electrodes recharging temperature	0°C /+45 °C
Working damp	65 +- 20 % RH
Storing temperature	-20°C/ 35°C