



ANATOLOG

Technical datasheet

ANATOLOG & ANATOLOG USB

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AnatoLog measures different pressure spots applied on the body through wireless communication with its FSR sensors.

- Application for orthopaedics and sports
- 1 to 16 calibrated FSR sensors
- 1 compact stand-alone box with its USB dongle



FSR MODULE

The AnatoLog system's sensors are Force-Sensing Resistor (FSR) type and can be placed under the foot (insoles), torso (corset), head (plagiocephaly helmet) and also on the amputated limb (prosthesis).

The measured values enable the real time optimization and validation of the design of medical devices.



ANATOLOG APPLICATION

AnatoLog Application is the software for the visualization (curves and gradient on 3D representation) of measured values by sensors.



TECHNICAL FEATURES

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ANATOLOG & ANATOLOG USB

**Medical device with CE marking
(Class I with a measuring function)**

Dimensions (L x w x h)

Anatolog : 80 x 40 x 27 mm

Anatolog USB : 71 x 22 x 11 mm

Communication type

Wireless communication : 2.4 Ghz

Weight

Anatolog : 75 g

Anatolog USB : 12 g

Acquisition frequency

20 à 100 Hz

Material

Polyamide 12

Hypoallergenic

Power

Batterie XPOWER 603048

Lithium-ion polymère rechargeable

3.7V, 800 mAh, 2.96 Wh

Anatolog device lifetime

At least 5 years

Type of charging cable

Jack 2.35 – USB C, 5V

USB charge on medical computer with
2 MOPP protection

Guarantee

2 year

Continuous operating time

At least 8h

Conditions of use and transportation

Temperature : +10°C +25°C

Atmospheric pressure : 860 – 1060 hPa

Humidity : 45 to 85 %

Sensitive to physical and electric shocks.

Must not be exposed to water (IP10).



2797 AnatoLog is a class Im medical device

TECHNICAL FEATURES

FSR MODULE

Sensor type

Force-Sensing Resistor : piezoresistive

Dimensions (L x l x h)

FSR Module case : 57 x 18 x 11 mm

Nombre de capteurs

Per FSR module : 4

Usable with AnatoLog : 1 to 16

Weight

Module FSR : 11 g

Diameter of sensor active part

29 mm (1")

Cable length

Cable of sensor : 500 mm

Jack cable : 185 mm

Sensor thickness

0.4 mm

Material

Case : Polyamide 12 Hypoallergenic

FSR Sensor : TEP Non hypoallergenic

Medical barrier must be used with the sensors
(see Instructions For Use)

Measuring range

FSR Module "High" : 20 à 200 kPa

FSR Module "Low" : 2 à 20 kPa

Average accuracy : <10 %

Jack cable type

Jack audio 3.5

Guarantee

6 months

Conditions of use and transportation

Temperature of use: 10°C 25°C

Storage temperature: -10°C to 45°C

Atmospheric pressure: 860 – 1060 hPa

Humidity: 45 to 85 %

Sensitive to physical and electric shocks.

Must not be exposed to water (IP10).

ANATOSCOPE

CONTACT

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