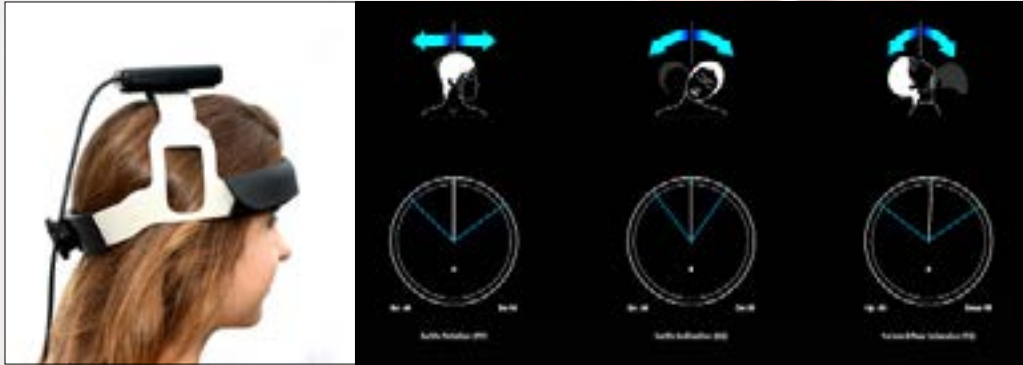


Foot analyzer

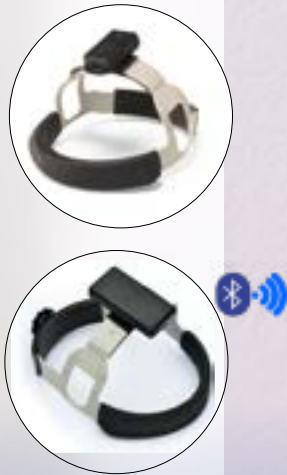


FOOT ANALYZER: Multi-purpose device equipped with a wooden platform, camera and support to acquire images of the podalic load and the rear foot. The software that allows the management of the images (the same one that manages the photos of the body and the stabilometric analysis) is perfect for those who want to save the images of their patients for a correct evaluation over time.

Cervical R.O.M.



Multi-purpose device available in USB or Bluetooth version.
If used with the helmet it permits to evaluate the mobility of the three axes in the cervical section (lateral, right/left, flexing and extension, rotation).
It also checks movement symmetry, normal values and shows the differences before and after the physiotherapeutic treatment, the rehabilitation gym or alterations due to the use of glasses or bites.
Supplied with software.



Global Postural Analysis

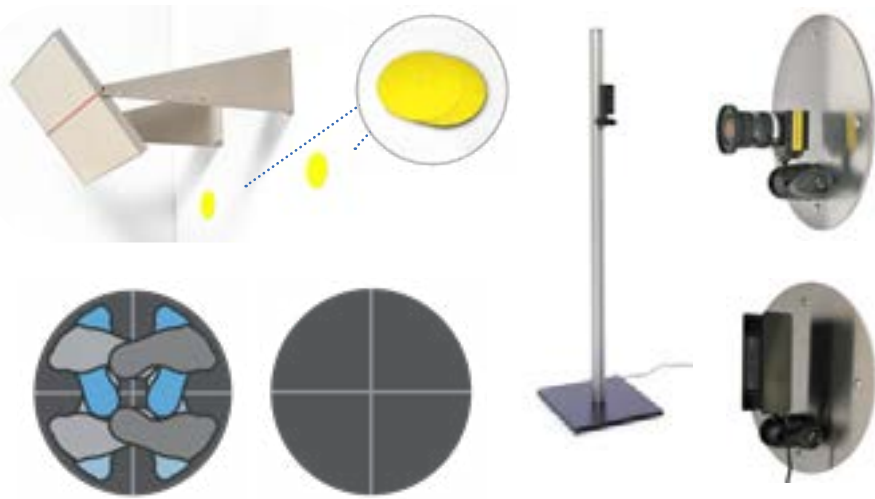
GPA system



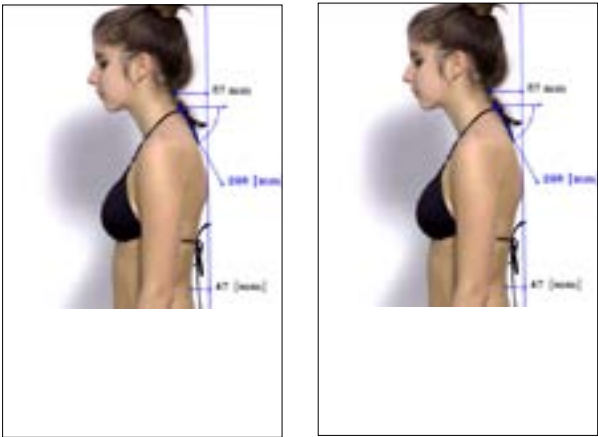
Physical Analyzer



The system is composed of a camera with its support, mirror and fastening clamps, colored discs for the location referencing of the pictures and an adhesive screen-printed disc to be placed on the ground for the positioning of the patient.



PHYSICAL ANALYZER is a device for the postural analysis of a patient on the frontal/rear and lateral plane. It is innovative for the positioning on the wall of the colored disks and the location referencing of the pictures. The aluminum cage and the lead string are no longer necessary reducing the space required. The software, recognizing the position of the four yellow disks on the wall, determines the vertical for the following positioning of virtual lead strings that can be placed in any side of the picture. Moreover, the location referencing permits to measure both angles and linear segments for a correct postural evaluation. The software includes a fully customizable history file to complete the diagnostic path.



Portable Physical Analyzer



The system is also available in a portable version designed to facilitate those who have more locations or offer practical courses or use it in sports centers where the fixed placing usually requires a special room. Extremely versatile, it is supplied already assembled in a single container containing the mat, the roll-up screen-printed with yellow discs for georeferencing and the stand that supports the camera ready for use. The software, as for the fixed system, is fully supplied with an anamnestic card that can be customized according to your discipline.

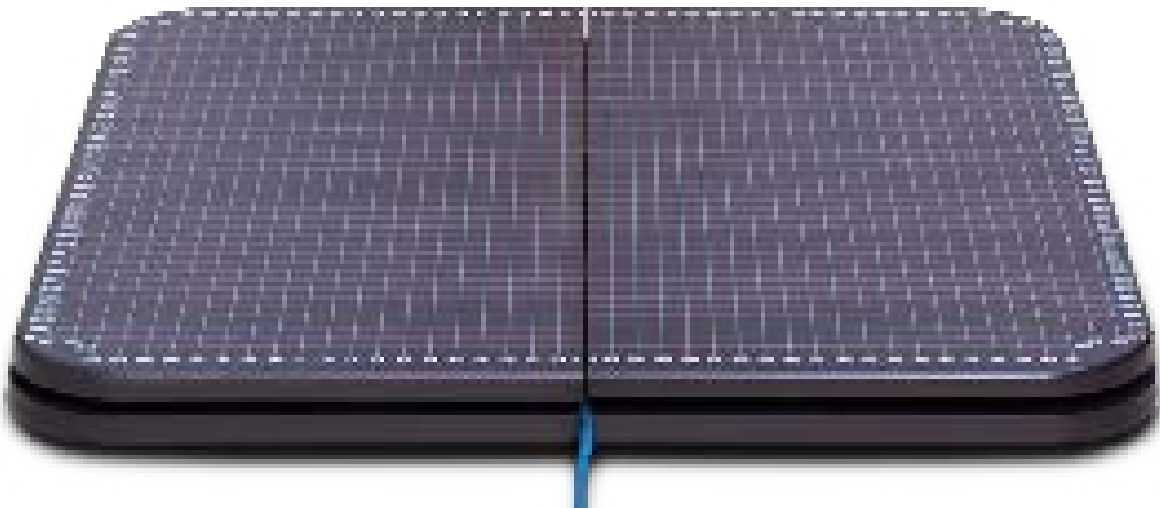
Overall dimensions: Weight: 14Kg

Bipodalic Stabilometric Platform "STABILOBOARD"

STABILOBOARD is a board made up of two platforms (one for the right and one for the left foot) supported by a single base. It is an extremely versatile and easy to carry instrument thanks to its small dimension, its weight and height of only 28mm.

STABILOBOARD has a solid and compact structure made of three main full aluminium boards produced with extremely precise numeric control machines and protected by a layer of hard oxidation. The printing of the grid is made with a laser without inks.

STABILOBOARD uses 6 load cells, professional strain gauge and a data acquisition card which allows the connection to the PC through USB. It is possible to set the time analysis to obtain results to be compared to the latest research in this field.



STABILOBOARD (TECHNICAL CHARACTERISTICS)	
Connection	USB 2.0
Power Supply (Voltage)	5V power supply via USB connection
Power Supply (Current)	500mA
Foot platform dimensions	450mmx450mm
Thickness	28mm
Weight	11Kg
Minimum load	30Kg
Maximum load	135Kg
System with 6 load cells (Strain Gauge)	A/D converter 12bit
Single cell load	100Kg
Measurement tolerance (weight)	±0,5Kg
Measurement tolerance (%)	+/- 0,5%
Displacement tolerance	5mm
Weight resolution	0,1Kg
Feet positioning resolution	10mm
Printed grid (resolution)	10mm x 10mm

STABILOBOARD permits to test the patient in his/her natural position moving the load cells which detect the weight under the pressure points universally recognized as metatarsus heads of the first, the fifth metatarsus and the calcaneus.

As the patient's position is not forced, the correct podalic weight is detected obtaining repeatability and very high accuracy of the analysis.

The procedure is easy and fast using the grid on the support surfaces.

It is also possible to test the patient or a group of patients in a pre-set position giving the same instructions for the placement of the feet and using the same reference on the grid drawn on the support surfaces.

The operator can set the time of the test (from few to hundreds seconds).