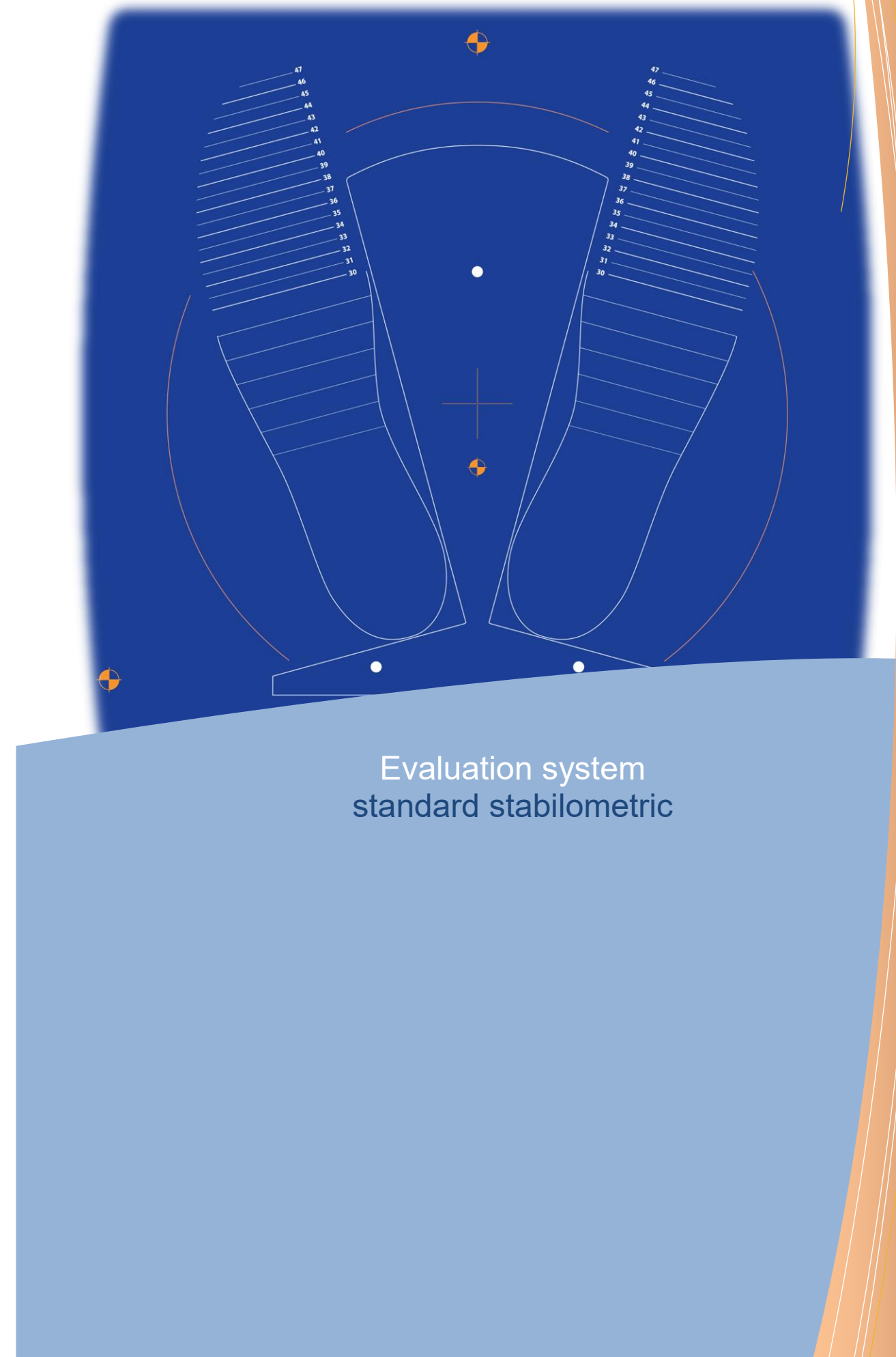


FEATURES AND BENEFITS

- Validity of medicolegal
- Improves communication with the patient
- Simplifies Clinical
- Reduces the time of the visit
- Facilitates the design of medical devices (bite, insoles ..)
- Allows monitoring of rehabilitation and postural reprogramming
- Facilitates interdisciplinary communication through documentation produced
- Ergonomic due to the weight of the mechanical
- Software constantly evolving and suitable for personalization
- Export of measured data to MS Office for processing and statistics

EC Dekra certified according to European guidelines 93/42 appendix VI

Normalized data according to the A.F.P. (today known as AFP85 /SOFPEL.: French Postural Association)



Evaluation system
standard stabilometric

MICROLAB



Via P. Colombo, 3
20871 Vimercate (MB) -
ITALY
Tel. +39 039 6080924
segreteria@avmicrolab.it
www.avmicrolab.it
www.bioposturalsystem.it

BioPostural System Standardized

The Standardized BPS is a stabilometric electronic platform for the study of balance, and is a response to all requests related to the study of the Fine Postural System (SPF). The BPS® Standardized stabilometric platform is particularly suitable for: posturologists, sports medicine, physiatrists, physiotherapists, osteopaths, vestibulologists, dentists, neurologists, rheumatologists, etc.

MAIN FEATURES

The Standardized BPS is a high-resolution 3-point platform characterized by:

- ✓ perfect and immediate stability and horizontal-level control through adjusting screws and level "level" indicator;
- ✓ removable podalic positioners;
- ✓ Plug-and-Play connection via USB cable.

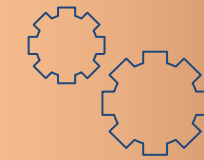
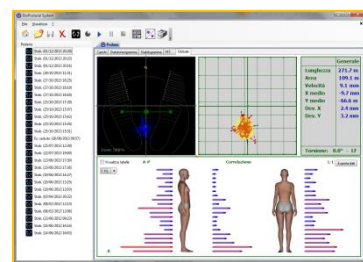
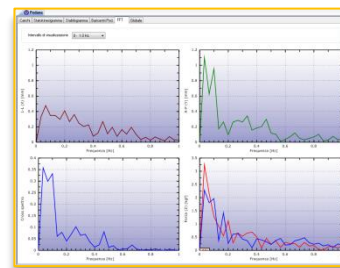
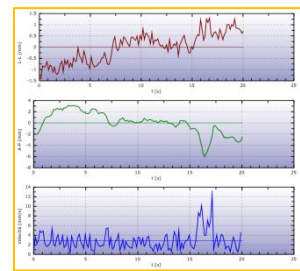
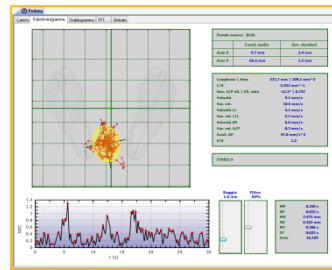
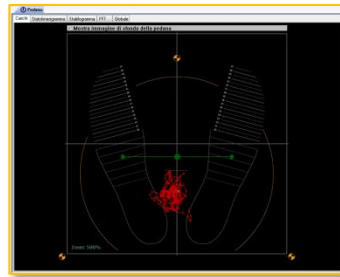
The BPS_S Platform is made with an aluminum base supported by three sensors, with integrated amplifiers, arranged in an equilateral triangle.

The system software calculates the stabilometric parameters, reproducing in real time the Antero-Posterior oscillations (Y axis), and Latero-Lateral oscillations (X axis).

The Standardized BPS is transportable and simple to use, it produces documents that meet the needs of standardization (including the NORMES 85 of the French Posturology Association). It is therefore a measuring instrument designed for both clinicians and researchers. The original mechanical solution makes the BPS Standardized an authentic measurement tool: linear, appreciable, reliable and simple to use.

Functions and characteristics of the BPS_S stabilometric platform:

- surface (calculation of the ellipse of 90% of the sequence of the COP positions; graphic Confidence ellipse with major and minor axis angles);
- measure of the length of the Statokinesigramma;
- intermediate position of the COP (mid-point of equilibrium defined in normalized conditions with respect to the X-Y axes and at the center of the podalic support polygon);
- the components in Antero-Posterior (in Y) or Left-Right (in X) of the positions of the COP with respect to the acquisition time;
- histogram of the COP in relation to the X-Y axes;
- Fast Fourier Transform A-P and M-L, Cross Fourier charts (FFT correlation A-P and M-L) regarding the positions of the COP in X or Y with respect to the acquisition time



TECHNICAL FEATURES

External dimensions: 460x460x35 mm
 Weight: 7,8 Kg
 Material: Aluminum structure AU4G
 Maximum load: 180Kg o 250Kg (opz)
 Resolution: 900 points/Kg
 Acquisition frequency: Programmable between 5 Hz and 40 Hz
 Analog-digital conversion: 16 bits
 PC connection: USB
 Power supply: self powered
 Type: 3-point standardized length



RECOMMENDED SYSTEM CONFIGURATION

Microsoft Windows 8/10 32 / 64bit
 Intel Dual Core 2 GB
 PC4GB memory
 HD 500 GB
 DVD RW
 17 "screen
 80 GB BackUp Disk

DEVICES

A4 color printer (Laser or InkJet)