



Content

- 1) Postural bench
- 2) Feed support
- 3) Support of the laptop
- 4) Mono-multiaxial platform with different destabilizing

System structure

- Dimension and weight of the portable system:
Opened system: 60cmx220cmx30cm
Closed system: 60cmx120cmx40cm
Weight: 70 Kg
- Control unit (not included requirement)
Desktop and laptop
Last generation processor
Disk capacity: 150 Gbyte
RAM memory: 1 Gbyte
QWERTY keyboard- optical mouse
Serial communication port RS232
S.O. windows XP Multilanguage
- Colour printer INKJET-HP DeskJet – (not included requirement)

Features and functionality of the system

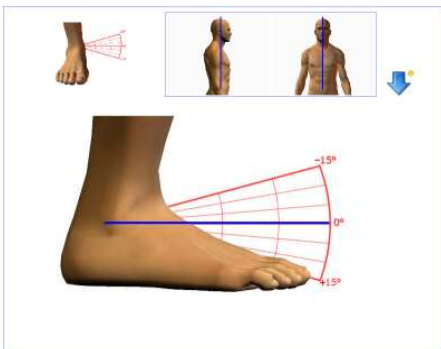
Postural Bench

- Connection to the pc through a serial cable.
- 6 load cells
- 2 inclination sensors
- 150 Kg of obtainable maximum load
- Resolution: 100 g

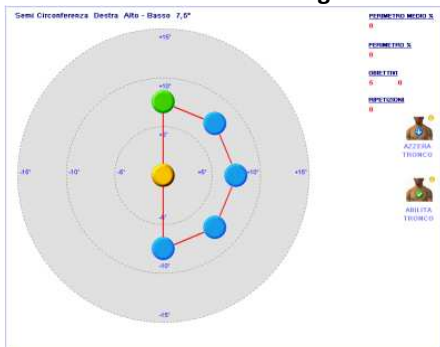
Platform

- Stability: 5 levels of instability through 3 different destabilizing bends.
- Possible modality of stability:
 - 3 levels of multiaxial instability
 - 2 levels of monoaxial instability
 - Monopodalic position
 - Sitting position
- Dynamic: 12° degrees of inclination from horizontal position to all the directions. 0.1° measure reading maximum resolution
- Measures reading sampling: 20 Hz
- Patient's load capacity: 120 Kg (135 Kg safety).

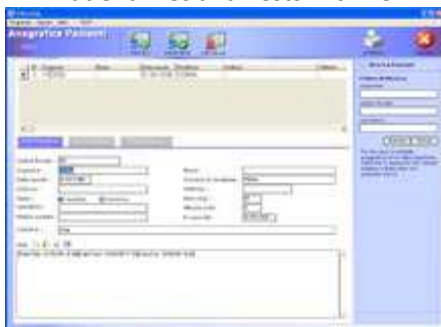
Assessment and analysis modules



Rehabilitation and Training module



Patient Files and Tests Archive



Manuals

- Operator's manual (paper and digital)
- Software manual (digital)
- Clinical manual (digital)

Functions of the Software (version 1.0)

- Assessment modules:
 - Disequilibrium mono-multi axial assessment
 - Equilibrium mono-multi axial assessment
 - Skill mono-multi axial assessment
- Analysis and training modules:
 - Flat view and graphics
 - Rehabilitative tracings management (builder)
 - Rehabilitative tracings
- Protocols and vital statistics:
 - Patient files
- Games
 - Ping-Pong
 - Light

Electric parameter

- Electric Supply: 230 VAC, 50/60 Hz
- Absorbed power: 400 Watts
- Medical Decouple Transformer 230v/24v P.nom. 600 VA

Certifications :

- Pursuant to the European law EN 60601- 1 (CEI 62- 5)
- Pursuant to the European guidelines 93/42/CEE
- Class II Piece of equipment- Type B applied parts

Guarantee:

- 24 months



DATASHEET POSTURALBENCH