



Prokin-252 — Code: PK252N

Technical Specifications

PROKIN-252 is a dynamic and static balance platform for sports medicine and rehabilitation in acute and chronic patients suffering from orthopedic and neurological pathologies. It summarizes in its functions, a complete laboratory of analysis of balance and posture in orthostatic and sitting position.

GENERAL FEATURES

- 21.5" Touch Screen Display with 1600x900 pixel resolution
- Adjustable display height.
- Static/dynamic platform with 55cm diameter
- Supporting platform of 110x110cm, height from the ground of 23 cm.
- Trunk sensor for posture
- Wraparound upper supports
- Step for easy access (optional)
- Pelvic Module seat

ELECTRICAL PARAMETERS

- Power supply: 230 - 240 VAC, 50 Hz
- Maximum absorbed current: 2.6 A (protection fuses T3, 15A L)
- Power consumption : 600W

SYSTEM SPECIFICATIONS

- System size (without PK Pelvic module): 160cm x 110cm x 200cm (LxDxH)
- System weight: 230 kg
- Dynamic/Static Balance Platform
- Mono and bipodalic orthostatic use
- Unstable dynamic footboard with 50 adjustment levels
- Mono and biaxial movement
- Load measurement: 150 kg, 0.1Kg resolution
- Angle measurement platform: +/- 15° accuracy 0.5°; 0.2° resolution
- Angle Measurement Trunk Sensor: +/- 30° accuracy 0.5°; 0.1° resolution
- Seat angle measurement: +/- 15° - 0.5° accuracy; 0.2° resolution
- Sampling frequency: 40 Hz
- Connection to PC via RS232 Serial Cable

CONFORMITY

- Complies with Directive 93/42/EEC—CLASS 1m
- Complies with EN60601-1 CLASS 1- Type B
- Basic UDI-DI: 08055715880036

WARRANTY

- 24 Months

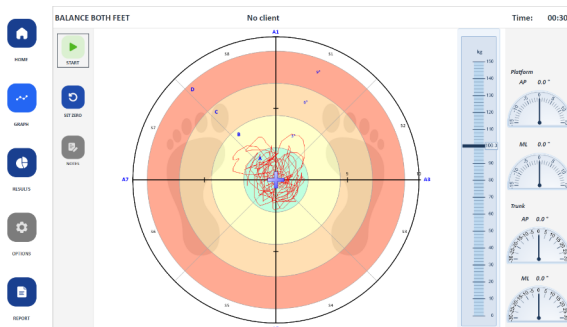
COMPUTER SPECIFICATION

- Computer all in one
- Monitor touchscreen 21.5" widescreen
- CPU: 2.3 Ghz; HD: 500GB; RAM 4 GB;
- Keyboard + mouse
- Windows 10 Professional
- InkJet color printer

SOFTWARE FEATURES

- **Validations Modules:**
 - Stabilometric Test
 - Limits of stability Test (LOS)
 - Comparative Stabilometric test (Open Eyes / Closed eyes – Romberg)
 - Balance both feet
 - Assessment BESS / m-CTSIB
 - Proprioceptive assessment (single limb)
 - Assessment of comparative balance (single limb)
 - Trunk/Hip ROM postural and proprioceptive evaluation
 - ROM Assessment Trunk/Pelvis (STAR Test)
- **Training Modules:**
 - Dynamic/Static tracks
 - Dexterity
 - Desquilibrium
 - Position/Reactivity
 - Monitor
- Patients registry and Evaluation/Training archive
- Rehabilitation Games: several immersive exergames in virtual reality environments for balance training.
- Integration and Interconnection with the TBMS, Cloud TecnoBody and other registries (full integrability with all TecnoBody devices)

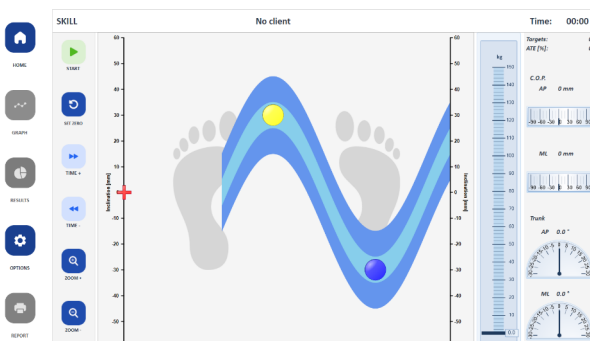
Assesment and analysis modules



Integration with TecnoBody Management System



Training modules



Exer-Games

