

Meet the new ACX.Rehab concept



Sigma – balance platform with Patient Workstation

Assures the balance and proprioception assessment and training in virtual reality environment by an independent system for measuring of the tilt angle using a specialized sensor that detects any change in the position of the platform.

Performed tests:

- *Stability test*: used to assess the ability of patient keeping balance on unstable ground
- *Limits of stability test* – assessment of the ability to maintain and regain balance without changing support plane

Test reports with graphic representation

Control modes:

- Standing
- Sitting
- One / Both legs

Benefits:

- reeducation and improvement of balance and posture
- improvement trunk stability
- training of proprioception
- improvement of muscle coordination

Therapeutic games in virtual reality environment

Platform diameter: 42 cm

Platform weight: 6,5 kg

Patient supported weight: up to 150 kg

Tilting range: +15°/-15° in all directions (left / right, forward / backward)

The platform can be combined with a three-sided safety barrier, increasing the comfort of exercises and tests performed on the platform (dimensions 80 x 100 cm)

Power supply: 2 x AAA rechargeable batteries (charger provided in set with device)

Wireless communication of the device with Patient Workstation





Patient Workstation provides the integration into a single operation platform and the interconnection with Central Therapist Workstation for assessment, control and set-up of therapeutic sessions

Observation of the patient test's performance results in live time

Wired & wireless connection and integration with Central Therapist Workstation

Mobile stable stand on 4 wheels with brakes.

Monitor: color display, 43 inches or more (additional sizes available upon individual requests)

PC computer (more advanced parameters available upon individual requests):

- Windows 10, 64 bit
- Processor 2 GHz
- RAM: 8 GB
- Integrated graphics card
- Integrated network card for Wi-Fi & LAN communication
- 2 x USB (3.0) / 2 x USB (2.0)
- wireless keyboard & mouse