

Meet the new ACX.Rehab concept



Gamma – dynamographic platform with Patient Workstation

Assures the assessment and training in virtual reality environment of balance, gait, dynamic activities and load distribution on stable surface by measuring the parameters of postural shift, recording the displacement of weight, separate for each lower extremity (maximum / average load and time of dominant load, step/ stance/swing duration, cadence, total amount of steps).

Performed tests:

- *Weight distribution test*
- *Step test*
- *Dynamic test – jump, sit-stand, squat*
- *Protocol test*

Test reports with graphic representation

Benefits:

- training of balance and equilibrium
- proprioception education
- training of movement precision
- education of proper load distribution
- analysis of loads distribution in the vertical axis in static and dynamic modes
- assessment of the patient's balance
- measurement of the force, velocity and acceleration for each foot

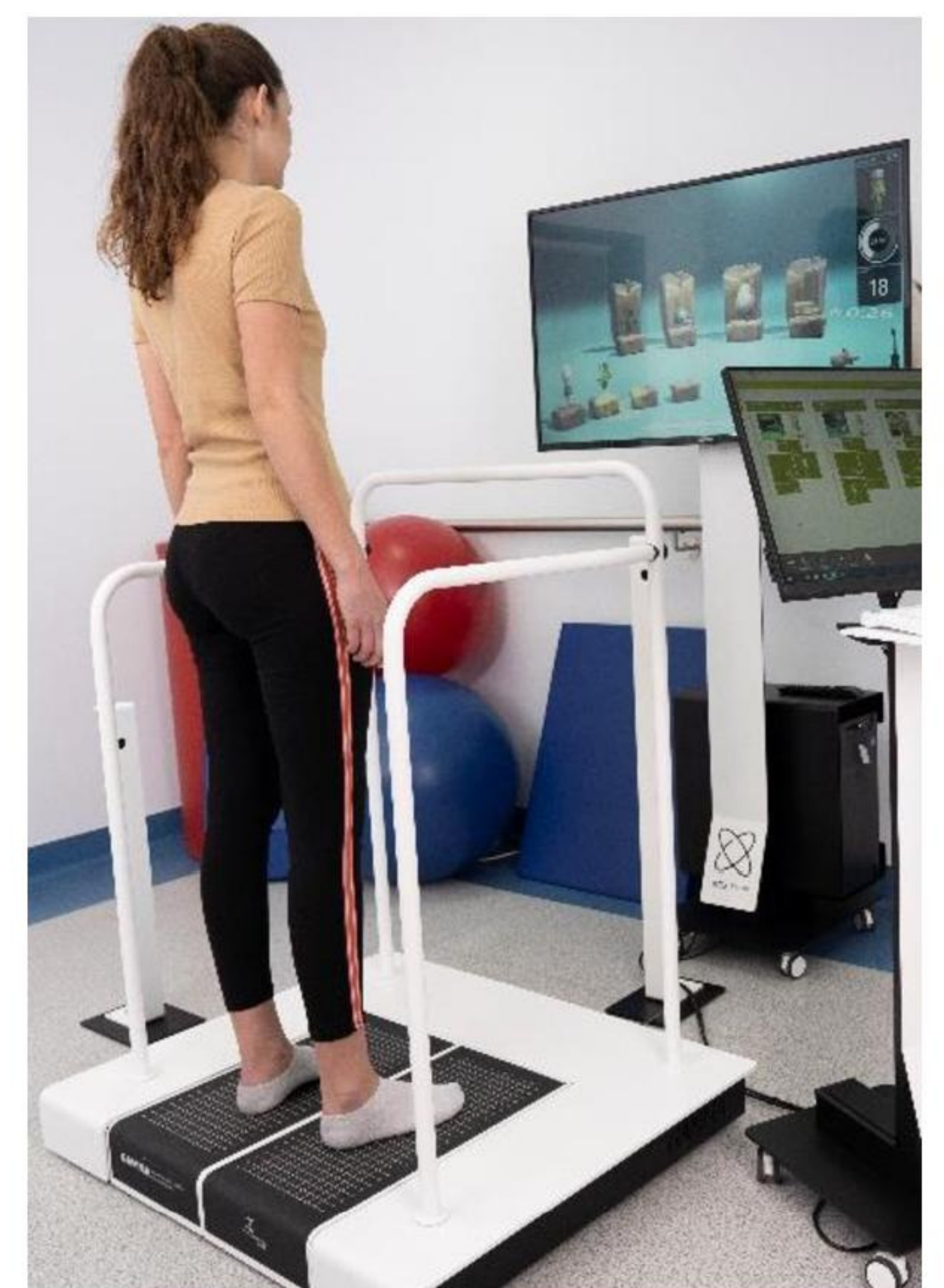
Therapeutic games in virtual reality environment

System consist on 2 independent measuring platforms

Each platform size (LxVxH): 63 x 30 x 14 cm

Patient supported weight: up to 150 kg

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 and wired communication of the device with Patient Workstation through USB

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