



tyromotion

TYMO®

Board for Assessment
and Therapy

Posturography included

TYROTHERAPY
GET BETTER.
EVERY DAY.

TYMO® IS ENGINEERED, DESIGNED,
AND MANUFACTURED IN AUSTRIA.

TYMO®

Small but powerful, the TYMO® system is a versatile measurement and therapy system for the whole body.

In addition to the standing position, TYMO® offers a wide range of other options to assess and train the upper and lower extremities as well as the trunk. It allows measuring and practice of force, balance and postural control. TYMO® comes with an additional, soft overlay-pad and magnetic, balance accessories for dynamic application.

Why TYMO®?

- Can be applied in any therapy situation: e.g. standing, sitting, lunge, prone on elbows, ...creativity is the limit!
- Short setup time
- Thin & portable
- Standardized assessment incl. Posturography
- Feeling of standing on firm ground
- Suitable for children and adults



- ACTIVE
- PASSIVE
- ASSISTIVE



TYMO[®]

Therapy



1-dimensional and multidimensional



Therapy for trunk, upper and lower extremities



Balance training and postural control



Static and dynamic application



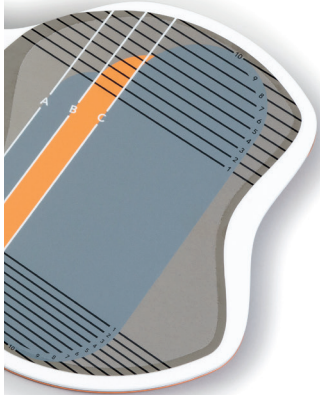
Task- and ADL-oriented training



Therapeutic games



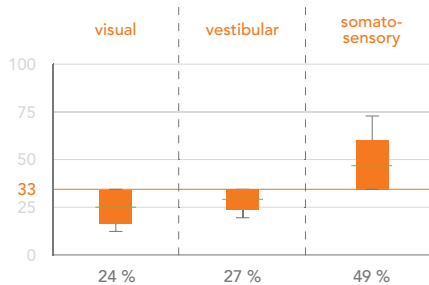
Wireless connection



TYMO® Balance Test/Posturography

TYMO® offers a standardized assessment for balance analysis to quantify balance and posture regulation in an upright stance. The TYMO® force sensors detect weight shifting and determine the center of pressure (COP), body sway and load balancing over the feet. This data provides indicators for balance, stability and symmetry.

Feedback Path



Center of Pressure Area (COP)



M1	0.5 cm ²
M2	0.5 cm ²
M3	0.5 cm ²
M4	1.6 cm ²

Assessment of

- Center of Pressure Track (COP)
- Range of Motion Area
- Displacement Medio-lateral, Anterior-posterior
- Average Velocity

- Weight Distribution
- Frequency Analysis (Romberg Ratio)
- Visual, Vestibular and Somatosensory Feedback Path



Motor, sensory and cognitive deficits can be trained in **a playful manner.**



TYMO® Therapy
As versatile as Life

Therapy Options: Standing, Sitting, Lunge, Sit-to-Stand, Supported Sitting, Propped Sitting with Hands, Prone on Elbows, Balance-1-Dimensional, Balance-Multidimensional, One-Knee-Lunge, Eyes Open, Eyes Closed, Tall Kneeling, Push-Up, Leaning

⊕ And much more



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Components of TyroTherapy:



Intensity



Dose



Motivation

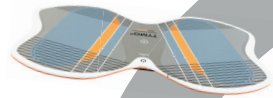
TYROTHERAPY LOWER EXTREMITY

TyroS

The TyroS software has been developed in close cooperation with therapists. It is the heart of the Tyromotion technology and combines devices, clinical

expertise, and therapeutic games. It is a sophisticated, therapeutic system that helps challenge and encourage patients.

- One software to control all of Tyromotion's devices
- Comprehensive patient view across devices
- Enforces motor learning principles and task-oriented training
- Motivational therapeutic gaming environment
- Intuitive and easy to learn



TYMO®
BALANCE TRAINING AND
POSTURAL CONTROL



LEXO®
GAIT AND LOCOMOTION

ROBOTICS

tyroS
THE SOFTWARE

SENSORS



PABLO®
LOWER EXTREMITY
GAIT ANALYSIS AND TRAINING



OMEGO® Plus
GAIT TRAINING FOR THE
GOALS ACROSS ALL PHASES

tyromotion



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