

MotionVR

COMPUTERIZED DYNAMIC
POSTUROGRAPHY (CDP) &
REHABILITATION MOTION
SIMULATOR
WITH INTEGRATED
VIRTUAL REALITY



DEVELOPED IN COLLABORATION WITH WORLDWIDE RECOGNIZED SCIENTISTS AND PRACTITIONERS

- **A wide range of applications:** Concussion, Balance, Orthopedics, Vestibular, Chronic Pain, Sports Medicine and Performance, Neurologic, Motion Sickness and so much more...
- **360 degrees smooth moving dynamic force plate** with **up, down and linear translations** (4 degrees of freedom, **MotionVR⁺** model)
- **Easy customization of movements by axis, velocity and range of motion to optimize recovery**
- **Robust and accurate posture analysis & weight distribution**
- **Wide range** of rehabilitation protocols with **real-time adaptation**
- **Dual task Rehab** - Upper Extremity
- **Easy & fast printable reports** - for referring practitioners
- Immersive and entertaining experience for **increased patient motivation**

THERAPEUTIC SOLUTION DEVELOPED
BY HEALTH PROFESSIONALS
WITH CUSTOMER FEEDBACK



Company founded
by a Physical Therapist

A global practice solution:

Assessment and rehabilitation modules

- + With (or without) Hardware (VR-ready PC + Display + VR Headset...)
- + Virtualis Patient management software
- + Premium Software Maintenance

Examples of assessment and rehabilitation modules:

Assessments

Adaptation Test - ADT

Head-Shake Sensory Organization Test
(HS-SOT)

Limits Of Stability - LOS

Motor Control Test with **MotionVR⁺****

SOT - Sensory Organization Test 3D
(Wavelet Analysis + Motor Polar Representation)

Unilateral Stance

Weight Distribution

Rehabilitation

360° motion settings with presets for
Balance and Functional rehabilitation

Biofeedback, precision,
transfer support amplitude

Fall prevention, Balance & Vestibular
disorders rehabilitation

Limits Of Stability Rehabilitation

Motion Program
(Motion Control by pulses/inclinaisons)

Postural control with dual-task exercises UE
Transfers of medial-lateral supports

State-of-the-art technologies:

- Dual XL Force plates - with 8 sensors (4 each)
- Weight distribution (right/left and anterior/posterior)
- Force plates reactivity: 3 Degrees of Freedom (4 Degrees with **MotionVR⁺** model); 2G acceleration; 1.0236 in/s speed; front/back: 24° amplitude, left/right: 26° amplitude, up/down: 5.90 in
- Safety structures - customizable height of the bodyguard or harness structure
- Supports more than 200 kg
- Compact footprint (4ft diameter)
- Optional: the software can be used without VR using a big screen TV or monitor

Distributed by:

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Risk class 1 medical device
Regulation (UE) 2017/745

Read more
virtualisvr.com



« Our patients are loving our new system and are getting challenged with much more advanced technology, which means greater and quicker recovery periods.* »

Jerry Yarborough,

Doctor of Physical Therapy/Owner at a Clinic,
Ruston, LA.

The **MotionVR** CDP is compatible with some of the software included in the BalanceVR or PhysioVR offer (Optical Flow and Sea simulation) which must therefore be installed on the same computer. Note that the acquisition of **MotionVR** does not include a second license to use this software.