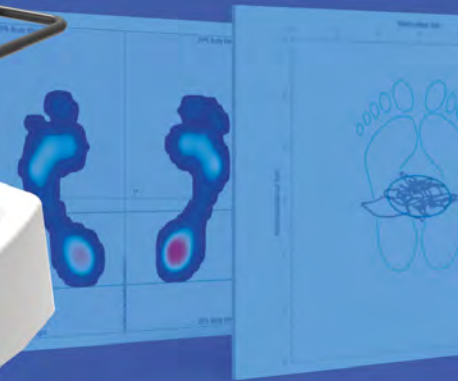


physio sensing



Balance & Motor Control

Virtual Reality

Posturography

Feet Pressure Map

Visual Biofeedback

According to the new Medical Device
Regulation EU 2017/745

powered by
sensingfu⁺ure

Who we are

We are manufacturers of technological medical devices in the global market.

We produce force and pressure platforms and develop all the software for balance analysis and training.


We raise rehabilitation standards thinking about everyone in the world who suffers from balance disorders.


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sensingfuture

a greater step

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SENSING FUTURE TECHNOLOGIES, LDA



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3030-199 Coimbra, Portugal



COMPANY CERTIFICATION ISO 13485 and ISO 9001

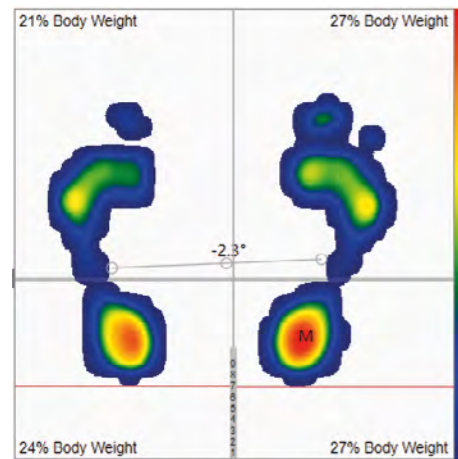
PRODUCT CERTIFICATION CE Medical Device Class I according to Medical Device Regulation (MDR) EU 2017/745 of the European Parliament.

version 4.0 revision date: 02.2024

what is PhysioSensing?

Balance & Motor Control

Balance control consists of controlling the body center of mass over its limits of stability. Clinical balance assessment can help assess fall risk and/or determine the underlying reasons for balance disorders. The benefits of using force plates in balance assessment comes from their ability to measure center of pressure (CoP).

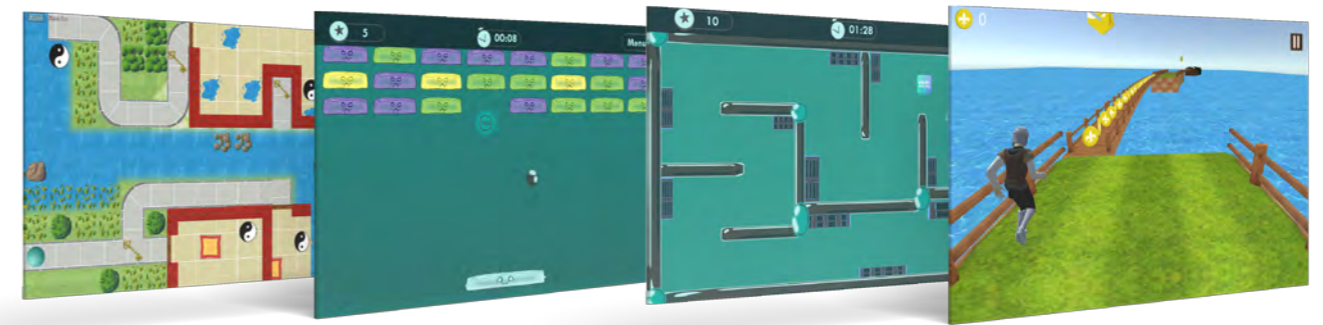
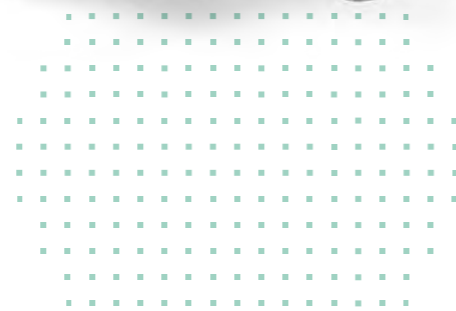


Feet Pressure Map

Foot Pressure Mapping is a method of measuring pressures on the surface of the foot while standing or walking. Static and dynamic baropodometric analysis are performed on a baropodometric platform, through which the pressure exerted by the feet from standstill and during walking is being measured.

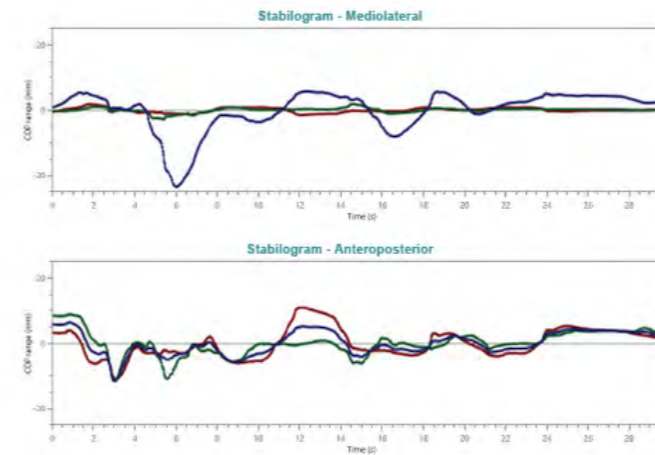
Virtual Reality

In the recent decade, Virtual Reality (VR) has become generally accepted as a therapeutic tool for neurological patients. VR involves real-time simulation and interactions between sensory, motor and cognitive channels. VR can be set up to be strongly immersive, in that the environment appears real and three-dimensional. VR provides an ideal environment to study the balancing strategies.



Gamification Rehabilitation

Gamification rehabilitation promotes task-oriented approaches in a more attractive, varied, and challenging setting. Combining neuroscience with game design enables us to construct a powerful therapeutic tool for facilitating recovery of motor and cognitive function in diverse contexts. From children to the elderly population, the implementation of computer games encourages motivation and engagement to the rehabilitation process.



Static and dynamic Posturography

Computerized posturography systems utilize force platforms to measure the sway of a patient by determining the movements of the instantaneous Center of Pressure (CoP). The CoP data collected can be visualized through a statokinesigram and stabilogram.

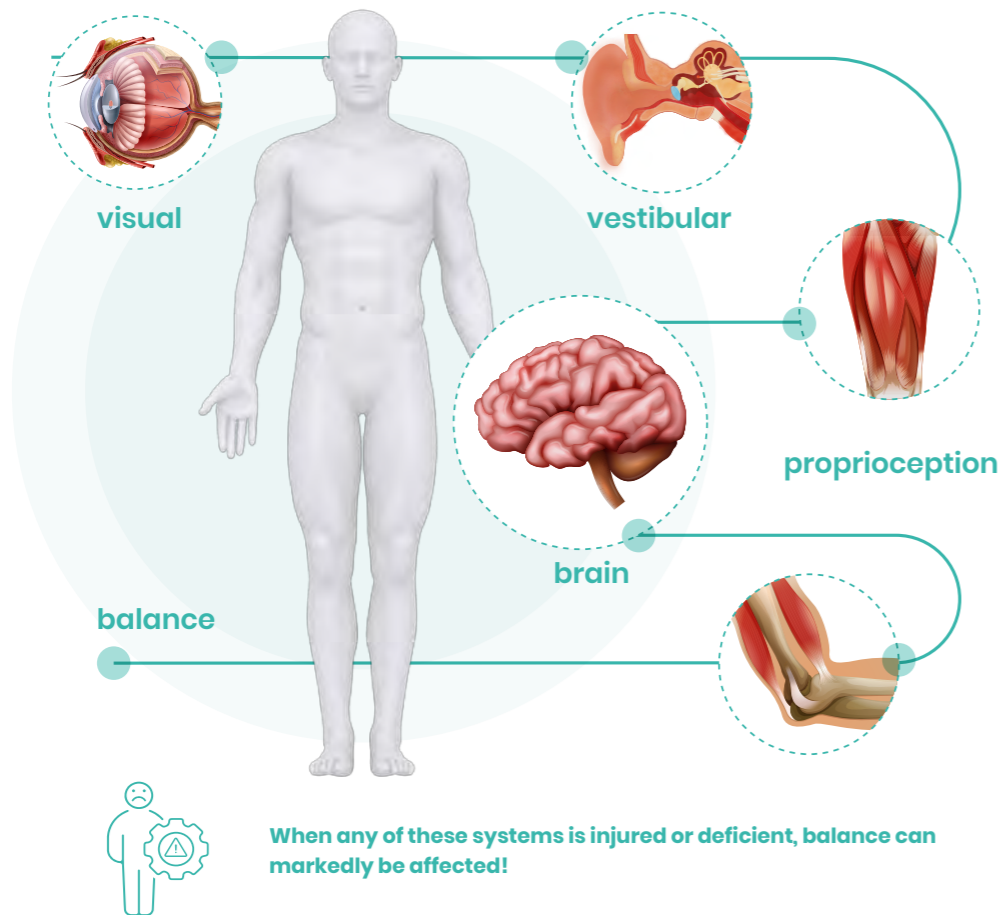
Real Time Visual Biofeedback

Visual Biofeedback (VB) is a rehabilitation method that can be used during static balance training, offering the patient visual information on the position of the center of gravity within the range of stability as the patient stands on a plate. VB stimulates motivation, proprioceptive information to the patient, simulates the body movements and provides valuable information for the health professional.



why PhysioSensing?

Balance disorders, often overlooked and misunderstood, can have a profound impact on an individual's daily life, making even simple tasks a formidable challenge. From feeling dizzy and lightheaded to experiencing unexplained falls, balance disorders encompass a range of symptoms that can be both frustrating and debilitating.



Why is PhysioSensing effective?

PhysioSensing is a potent tool for assessing and training balance. It enables an objective evaluation of balance, allowing for the characterization of postural stability in both static and dynamic conditions across a range of sensory scenarios.

PhysioSensing can be applied in various fields, including neurology, vestibular rehabilitation, orthopedics, sports medicine, geriatrics, and pediatrics.

Each of the 14 protocols generates a comprehensive clinical report, facilitating data collection and analysis for clinical work and research purposes.

As a balance training tool, PhysioSensing offers over 30 balance exercises and games that provide instant biofeedback. These exercises allow for the training of static and dynamic balance, increasing limits of stability, weight transfer in different planes, and enhancement of motor control.

Each exercise requires the configuration of specific parameters to suit individual patients, thereby regulating the difficulty level and aligning with the training goal. Tracking each rehab session helps evaluate how well the rehabilitation is working.

OUR solutions

On the next pages you will find a set of different solutions designed to improve your clinical practice and the recovery of your patients.

I Podo

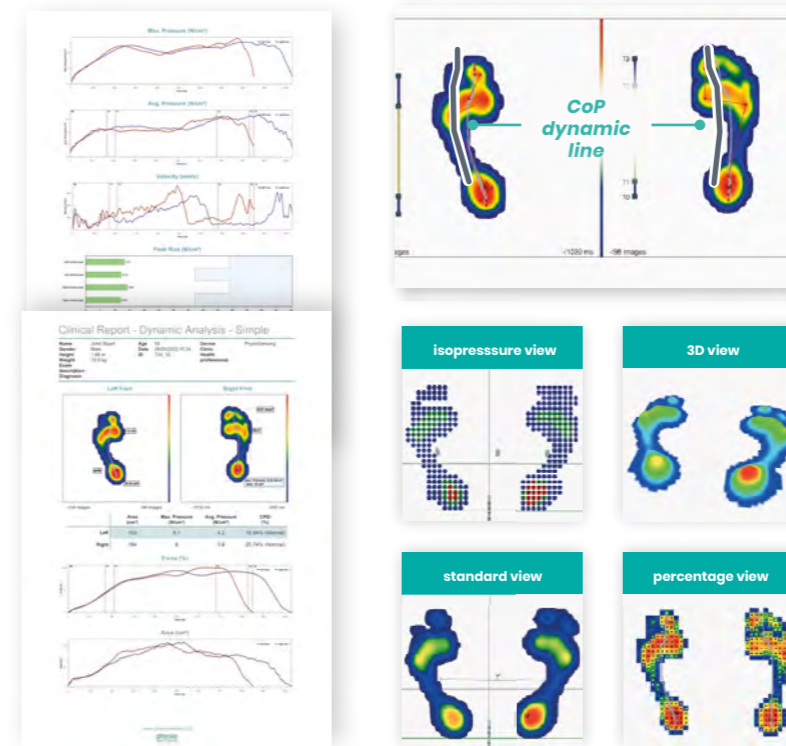
Get the foot pressure map of your patient and generate a static and dynamic baropodometric analysis

Static & Postural Analysis

- + Static mapping with center of pressure
- + Max and average pressure calculations
- + Weight distribution
- + Measuring possibilities
- + Exam comparison
- + Statokinesigram and Stabilogram
- + Dynamic analysis

Dynamic Analysis

- + Frame view
- + CPEI (Center of Pressure Excursion Index)
- + CoP line
- + Force, Area, Pressure, velocity, graphs
- + Peak risk
- + Gait Cycle Phases
- + Video export function of gait plant pressure map



I Podo solution



- Composition:**
- Pressure Plate
 - Podo Software

who is this solution for?

- ✓ Podiatrist
- ✓ Physiotherapist
- ✓ Osteopath
- ✓ Posturologist
- ✓ Orthoprothetic
- ✓ Dentist

main applications

Static analysis report and weight distribution

Construction of insoles

Comparison with and without insoles

Gait Analysis



TECHNICAL SPECIFICATIONS

CE Medical Device Class I according to Medical Device Regulation (MDR) EU 2017/745 of the European Parliament

Type	Portable
Size (Length x Width x Height)	61.5 x 56.5 x 2.3 cm
Thickness	1 cm
Weight	3,5 kg
Active Surface	40 x 40 cm
Sensor type	Resistive
Sensor life time	more than 1 000 000 actuations
Maximum pressure (each sensor)	100 N/cm ²
Temperature range	from -40°C to 85°C
Connection/power	USB
Frequency	100 Hz -100 acquisitions/second

- ✓ 10 x 10 mm each sensor
- ✓ Baropodometric plate
- ✓ 1600 sensors

PC minimum requirements

It is mandatory to have the minimum requirements to guarantee proper functioning of the system

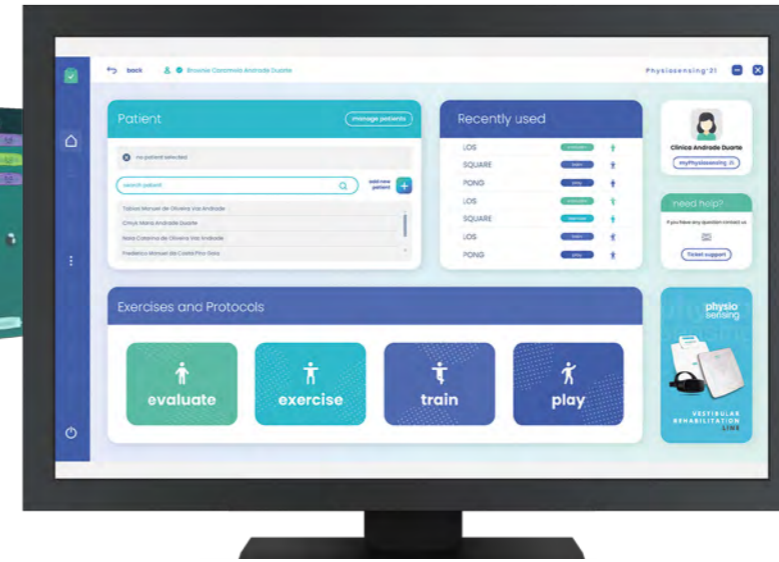
Computer	
Processor (CPU)	i3, Quad-Core, with 2GHz avoid Ultra Low Power "U" series of CPU
RAM	4 GB
USB Ports	2.0 or 3.0
Operating System	Windows 10 or 11

[Schedule a demo now](#)

II Rehab

For Physical Rehabilitation activities with neuromusculoskeletal patients.

PhysioSensing is indicated to assist physiotherapy activities, physical and neurorehabilitation, especially in the early rehabilitation of stroke and neuromusculoskeletal conditions associated to lower limbs and gait rehabilitation.



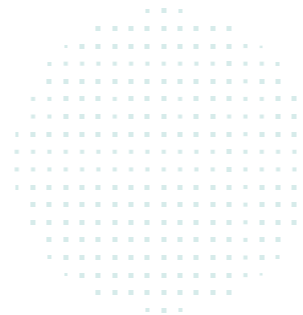
+ 12 Balance Protocols Assessment

- mCTSIB- Modified Clinical Test of Sensory Interaction on Balance
- Romberg Test
- Body Sway (posturography)
- LOS - Limits of Stability
- Fall Risk
- Weight Bearing Squat
- Rhythmic Weight Shift
- Unilateral Stance
- Balance Error Scoring System
- Unilateral Stance
- Sit to Stand
- Static Analysis
- Total Balance Pro

+ 4 Balance Games

- Several shapes, figures and games to balance practice

+ 30 Balance Exercises



II Rehab solution



Composition:

- Pressure Plate
- Balance Software

Included accessories:

- Foam
- Carrier bag



who is this solution for?

- ✓ Physiotherapists
- ✓ Neurological physical rehabilitation professionals

main applications

Balance Assessment with 12 clinical reports

Balance Training with biofeedback

Stroke Rehab (and others neurological diseases)

Fall Risk Assessment

Feet Pressure Map

Posturography

Sit to Stand Study

[Schedule a demo now](#)



TECHNICAL SPECIFICATIONS

CE Medical Device Class I according to Medical Device Regulation (MDR) EU 2017/745 of the European Parliament

Type	Portable
Size (Length x Width x Height)	61.5 x 56.5 x 2.3 cm
Thickness	1 cm
Weight	3,5 kg
Active Surface	40 x 40 cm
Sensor type	Resistive
Sensor life time	more than 1 000 000 actuations
Maximum pressure (each sensor)	100 N/cm ²
Temperature range	from -40°C to 85°C
Connection/power	USB
Frequency	100 Hz -100 acquisitions/second

- ✓ 10 x 10 mm each sensor
- ✓ Baropodometric plate
- ✓ 1600 sensors

PC minimum requirements

It is mandatory to have the minimum requirements to guarantee proper functioning of the system

Computer	
Processor (CPU)	i3, Quad-Core, with 2GHz avoid Ultra Low Power "U" series of CPU
RAM	4 GB
USB Ports	2.0 or 3.0
Operating System	Windows 10 or 11

III Rehab

For Physical Rehabilitation activities with neuromusculoskeletal patients. The best possible combination. One platform and two different software that combine the best of baropodometry and stabilometry.

+ 14 Balance Protocols Assessment

- > mCTSIB- Modified Clinical Test of Sensory Intereraction on Balance
- > Romberg Test
- > Body Sway (posturography)
- > LOS - Limits of Stability
- > Fall Risk
- > Rhythmic Weight Shift
- > Unilateral Stance
- > Balance Error Scoring System
- > Unilateral Stance
- > Sit to Stand
- > Static Analysis
- > Total Balance Pro
- > Weight Bearing Squat

+ 4 Balance Games

- > Several shapes, figures and games to balance practice

+ 30 Balance Exercises



TECHNICAL SPECIFICATIONS

CE Medical Device Class I according to Medical Device Regulation (MDR) EU 2017/745 of the European Parliament

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Thickness	1 cm
Weight	3,5 kg
Active Surface	40 x 40 cm
Sensor type	Resistive
Sensor life time	more than 1 000 000 actuations
Maximum pressure (each sensor)	100 N/cm ²
Temperature range	from -40°C to 85°C
Connection/power	USB
Frequency	100 Hz ~100 acquisitions/second

III Rehab solution



Composition:

- Pressure Plate
- Podo Software
- Balance Software

Included accessories:

- Foam
- Carrier bag



who is this solution for?

- ✓ Physiotherapists
- ✓ Neurological physical rehabilitation professionals

main applications

Balance Assessment with 12 clinical reports

Balance Training with biofeedback

Stroke Rehab (and others neurological diseases)

Fall Risk Assessment

Feet Pressure Map

Posturography

Sit to Stand Study

Gait Analysis

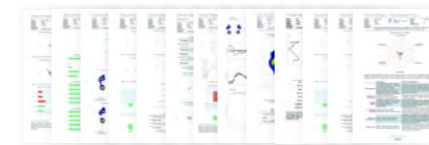
[Schedule a demo now](#)

Balance Software

Powerful Balance Assessment and Training tool



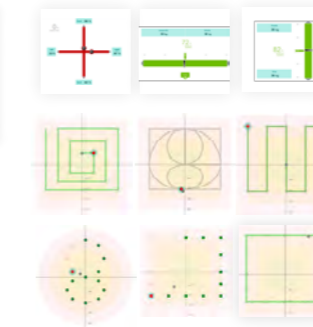
+ 12 assessment protocols



+ 4 balance games

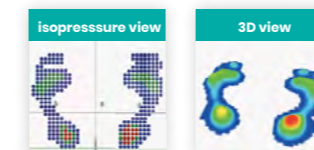


+ 30 balance exercises

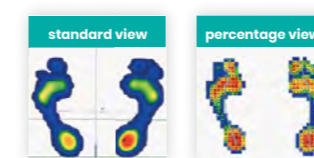


Podo Software

Get the foot pressure map of your patient and generate a static and dynamic baropodometric analysis



- + Static & Postural Analysis
- + Dynamic Analysis



- ✓ 10 x 10 mm each sensor
- ✓ Baropodometric plate
- ✓ 1600 sensors

PC minimum requirements

It is mandatory to have the minimum requirements to guarantee proper functioning of the system

Computer	
Processor (CPU)	i3, Quad-Core, with 2GHz avoid Ultra Low Power "U" series of CPU
RAM	4 GB
USB Ports	2.0 or 3.0
Operating System	Windows 10 or 11

III Max Rehab

The Rolls Royce of balance platforms. Specially designed to assess functionality, mobility and motor control in everyday tasks, such as walking, climbing stairs and getting up and sitting down. Super sensitive and precise, with 16 assessment protocols.

+ 16 Balance Protocols Assessment

- > mCTSIB- Modified Clinical Test of Sensory Interaction on Balance
 - > Romberg Test
 - > Body Sway (posturography)
 - > LOS - Limits of Stability
 - > Fall Risk
 - > Rhythmic Weight Shift
 - > Unilateral Stance
 - > Balance Error Scoring System
 - > Unilateral Stance
 - > Sit to Stand
 - > Static Analysis
 - > Total Balance Pro
 - > Step Up Over
 - > Forward Lunge
 - > Weight Bearing Squat
-
- > Postural Analysis
 - > Dynamic Analysis (gait)

+ 4 Balance Games

- > Several shapes, figures and games to balance practice

+ 30 Balance Exercises



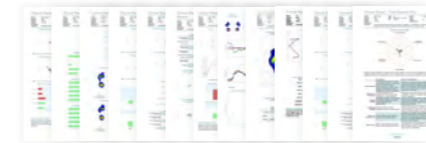
Step up Over and Forward Lunge
Unique in this system

Balance Software

Powerful Balance Assessment and Training tool



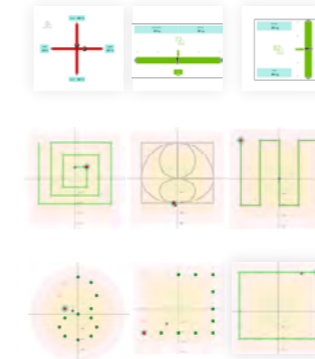
+ 14 assessment protocols



+ 4 balance games

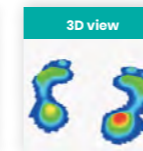
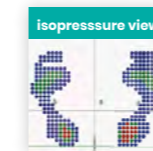


+ 30 balance exercises



Podo Software

Get the foot pressure map of your patient and generate a static and dynamic baropodometric analysis



+ Static & Postural Analysis
+ Dynamic Analysis



TECHNICAL SPECIFICATIONS

Dimensions (Length x Width x Height)	160,5 x 46,9 x 1,8 cm
Weight	24 kg
Active sensor area	1463 x 325 mm
Sensor technology	resistive
Pressure range	1 - 127 N/cm ²
Data acquisition frequency	100 Hz
Resolution	10 bits
Operating temperature range	+15 °C to +30 °C
Storage temperature range	+0 °C to +40 °C
Relative humidity	20% to 80% non-condensing
Connection to PC	USB

⊙ 7,62 x 5,08 mm each sensor ⊙ Baropodometric plate ⊙ 12 288 sensors

PC minimum requirements

It is mandatory to have the minimum requirements to guarantee proper functioning of the system

Computer

Processor (CPU)	i3, Quad-Core, with 2GHz avoid Ultra Low Power "U" series of CPU
RAM	4 GB
USB Ports	2.0 or 3.0
Operating System	Windows 10 or 11



III Max Rehab solution



Composition:

- Long Pressure Plate
- Podo Software
- Balance Software

Included accessories:

- Foam
- Step



who

is this solution for?

- ✓ Physiotherapists
- ✓ Neurological physical rehabilitation professionals

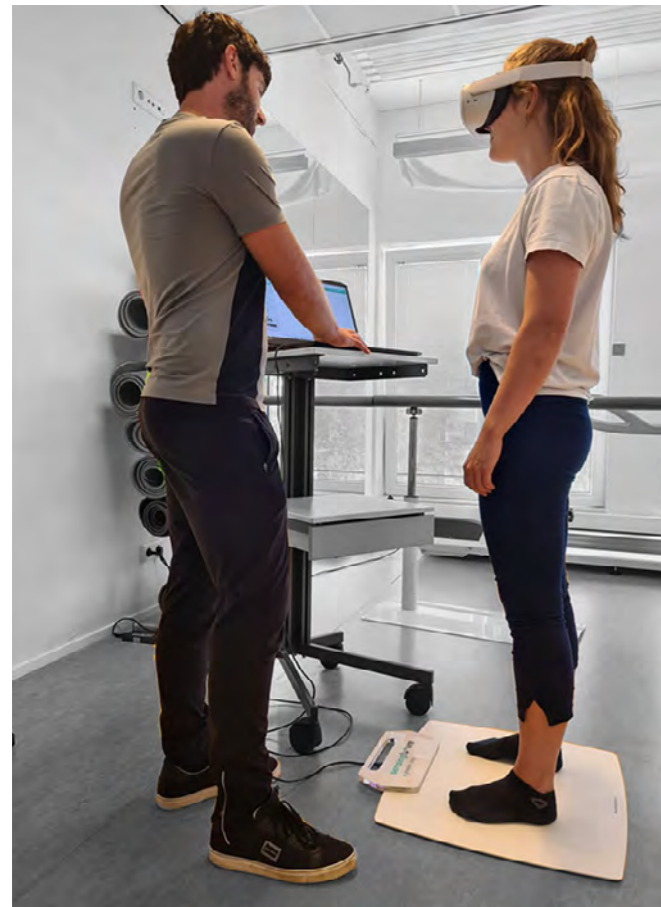
main applications

- Balance Assessment with 12 clinical reports
- Balance Training with biofeedback
- Stroke Rehab (and others neurological diseases)
- Fall Risk Assessment
- Feet Pressure Map
- Posturography
- Sit to Stand Study
- Gait Analysis
- Motor Control Assessment

[Schedule a demo now](#)

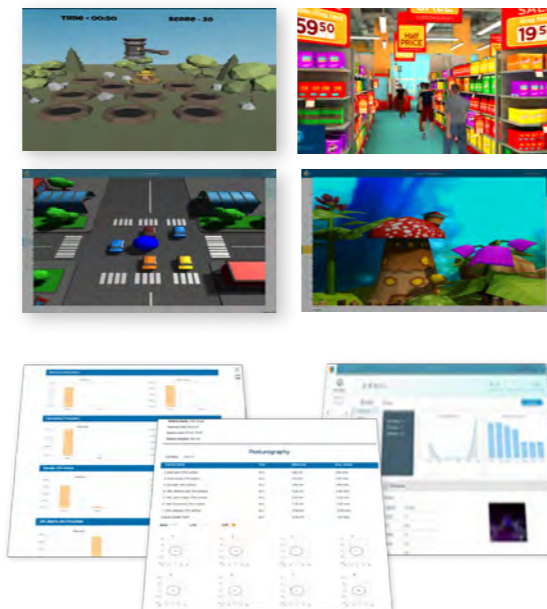
IV Vertigo

Device that brings together the best of physical rehabilitation and vestibular rehabilitation. Indicated for neurological and vestibular disorders.



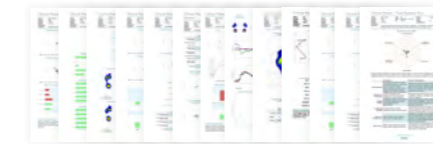
Libra VR Clinic Virtual Reality

- › Smooth Pursuit
- › Saccadic
- › Optokinetic Nystagmus
- › VOR (Vestibulo Ocular Reflex)
- › VOR suppression
- › Vergence
- › Fixation
- › Seek and Find games
- › Visual Effects: Tunnel (Visual Parallax), Supermarket, Indoor and outdoor environments, Fantasy, City, Elevator, Universe/space, Car

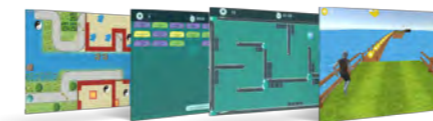


Balance Software

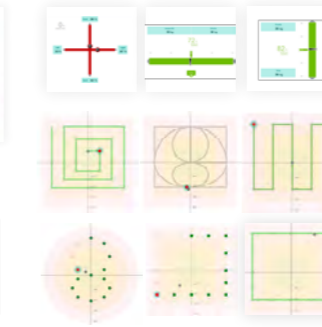
+ 12 assessment protocols



+ 4 balance games



+ 30 balance exercises



+ 12 Balance Protocols Assessment

- › mCTSIB- Modified Clinical Test of Sensory Interaction on Balance
- › Romberg Test
- › Body Sway (posturography)
- › LOS - Limits of Stability
- › Fall Risk
- › Rhythmic Weight Shift
- › Unilateral Stance
- › Balance Error Scoring System
- › Unilateral Stance
- › Sit to Stand
- › Static Analysis
- › Total Balance Pro
- › Weight Bearing Squat

+ 4 Balance Games

- › Several shapes, figures and games to balance practice

+ 30 Balance Exercises



IV Vertigo solution



Composition:

- Pressure Plate
- Balance Software
- Libra VR Clinic
- VR Googles & DP cable

Included accessories:
Foam
Carrier bag



who is this solution for?

- ✓ Physiotherapists
- ✓ Neurological physical rehabilitation professionals
- ✓ Vestibular Physiotherapists

main applications

- Vestibular Rehabilitation
- Posturography
- VR Stimulation
- Fall Risk Assessment
- Balance assessment with 12 clinical reports
- Balance Disorders treatment
- Neurological Disorders treatment

[Schedule a demo now](#)



TECHNICAL SPECIFICATIONS

CE Medical Device Class I according to Medical Device Regulation (MDR) EU 2017/745 of the European Parliament

Type	Portable
Size (Length x Width x Height)	61.5 x 56.5 x 2.3 cm
Thickness	1 cm
Weight	3,5 kg
Active Surface	40 x 40 cm
Sensor type	Resistive
Sensor life time	more than 1 000 000 actuations
Maximum pressure (each sensor)	100 N/cm ²
Temperature range	from -40°C to 85°C
Connection/power	USB
Frequency	100 Hz ~100 acquisitions/second

- ✓ 10 x 10 mm each sensor
- ✓ Baropodometric plate
- ✓ 1600 sensors

PC minimum requirements

It is mandatory to have the minimum requirements to guarantee proper functioning of the system

Computer	
Processor (CPU)	i5-4590 or better
RAM	8 GB
USB Ports	2x USB 2.0 or 30 ports and 1x DisplayPort 1.2
Operating System	Windows 10 or 11
Graphic Card	NVIDIA GeForce GTX 1060 6GB



Pico Neo 3 Pro

V Vertigo

Incredibly sensitive force plate with a CoP accuracy of 0.1 mm. Perfect for precise posturography results and assessing sensory dependencies.

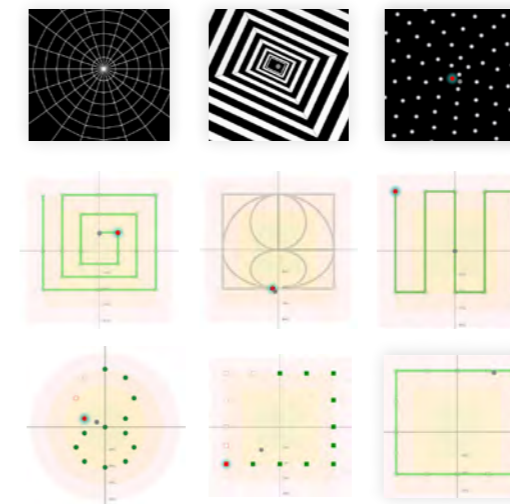
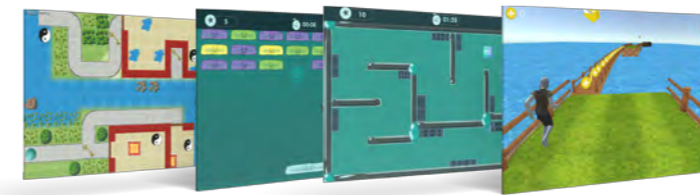
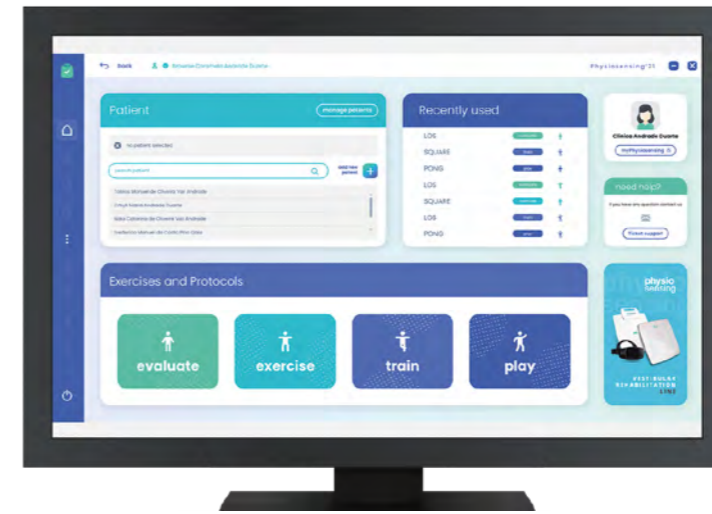
+ 8 Balance Protocols Assessment

- › mCTSIB- Modified Clinical Test of Sensory Interaction on Balance
- › Romberg Test
- › Body Sway (posturography)
- › LOS - Limits of Stability
- › Fall Risk
- › Rhythmic Weight Shift
- › Unilateral Stance
- › Balance Error Scoring System

+ 4 Balance Games

- › Several shapes, figures and games to balance practice

+ 30 Balance Exercises



V Vertigo solution



Composition:

- Force Plate
- Balance Software

Included accessories: Foam



who is this solution for?

- ✓ ENT's
- ✓ ORL's
- ✓ Audiovestibular
- ✓ Physicians
- ✓ Audiologists
- ✓ Posturologists
- ✓ Vestibular Physiotherapists

main applications

- Posturography
- Fall Risk
- Vestibular Rehabilitation
- Sensory dependencies

mCTSIB / LOS / Romberg Test

[Schedule a demo now](#)



TECHNICAL SPECIFICATIONS

CE Medical Device Class I according to Medical Device Regulation (MDR) EU 2017/745 of the European Parliament

Size (Length x Width x Height)	53 x 46 x 3,5 cm
Thickness	1,2 cm
Weight	7,8 kg
Material	Aluminium AU4G
Maximal load	250 kg
Non linearity	< 0,2 %
Resolution	900 points/Kg
Hysteresis	< 0,2 %
Sampling rate	40 Hz
Analogic / Digital conversion	16 bits
Platform computer interface	USB
Power supply	USB cable

- ✓ 3 load cells
- ✓ Stabilometric plate
- ✓ In accordance with French Association for Posturology

PC minimum requirements

It is mandatory to have the minimum requirements to guarantee proper functioning of the system

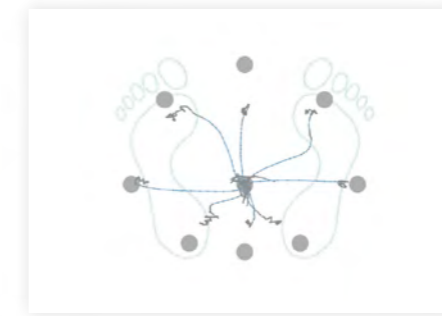
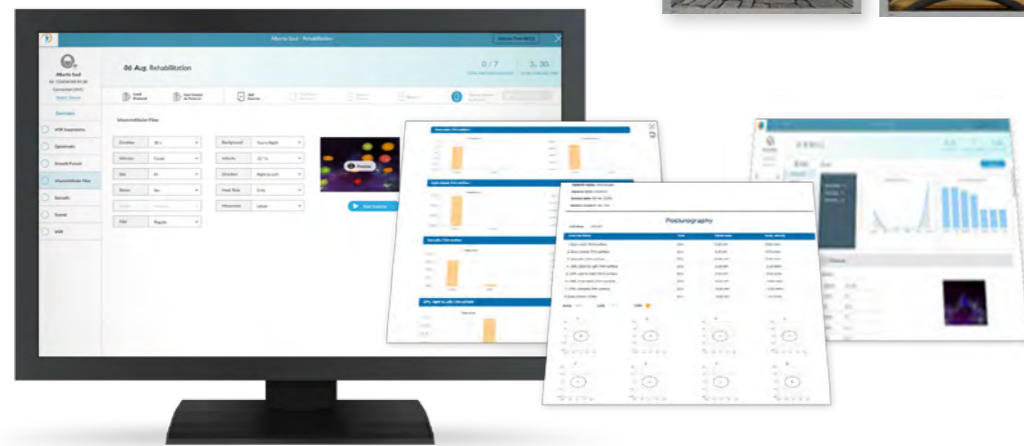
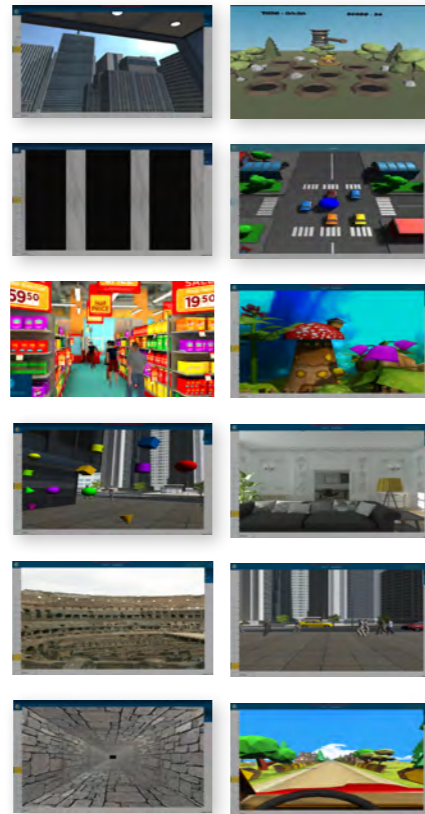
Computer	
Processor (CPU)	i3, 2GHz avoid Ultra Low Power "U" series of CPU
RAM	2 GB
USB Ports	2.0 or 3.0
Operating System	Windows 10 or 11

VI Vertigo

It combines an incredibly sensitive force platform with virtual reality. Our recommendation for exclusive use in vestibular rehabilitation.

Libra VR Clinic Virtual Reality

- › Smooth Pursuit
- › Saccadic
- › Optokinetic Nystagmus
- › VOR (Vestibulo Ocular Reflex)
- › VOR suppression
- › Vergence
- › Fixation
- › Seek and Find games
- › Visual Effects: Tunnel (Visual Parallax), Supermarket, Indoor and outdoor environments, Fantasy, City, Elevator, Universe/space, Car



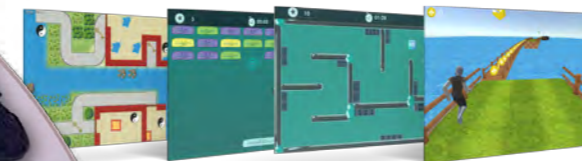
+ 8 Balance Protocols Assessment

- › mCTSIB- Modified Clinical Test of Sensory Interaction on Balance
- › Romberg Test
- › Body Sway (posturography)
- › LOS - Limits of Stability
- › Fall Risk
- › Rhythmic Weight Shift
- › Unilateral Stance
- › Balance Error Scoring System

+ 4 Balance Games

- › Several shapes, figures and games to balance practice

+ 30 Balance Exercises



VI Vertigo solution



Composition:

- Force Plate
- Balance Software
- Libra VR Clinic
- VR Googles Pico Neo 3 Pro & DP cable

Included accessories:
Foam



who is this solution for?

- ✓ ENT's
- ✓ ORL's
- ✓ Audiovestibular Physicians
- ✓ Audiologists
- ✓ Vestibular Physiotherapists

main applications

- Vestibular Rehabilitation
- Posturography
- Fall Risk
- Sensory dependencies
- Visual Stimulation with VR
- mCTSIB/ LOS / Romberg Test
- VOR / Saccadics
- Optokinetic Nystagmus
- Tunnel / Elevator Effect

[Schedule a demo now](#)

TECHNICAL SPECIFICATIONS

CE Medical Device Class I according to Medical Device Regulation (MDR) EU 2017/745 of the European Parliament

Size (Length x Width x Height)	53 x 46 x 3,5 cm
Thickness	1,2 cm
Weight	7,8 kg
Material	Aluminium AU4G
Maximal load	250 kg
Non linearity	< 0,2 %
Resolution	900 points/Kg
Hysteresis	< 0,2 %
Sampling rate	40 Hz
Analogic / Digital conversion	16 bits
Platform computer interface	USB
Power supply	USB cable

- ✓ 3 load cells
- ✓ Stabilometric plate
- ✓ In accordance with French Association for Posturology

PC minimum requirements

It is mandatory to have the minimum requirements to guarantee proper functioning of the system

Computer	
Processor (CPU)	i5-4590 or better
RAM	8 GB
USB Ports	2x USB 2.0 or 30 ports and 1x DisplayPort 1.2
Operating System	Windows 10 or 11
Graphic Card	NVIDIA GeForce GTX 1060 6GB



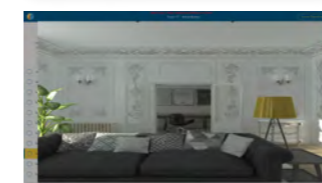
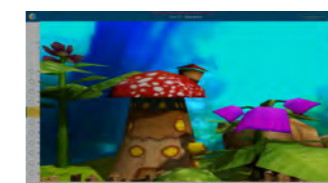
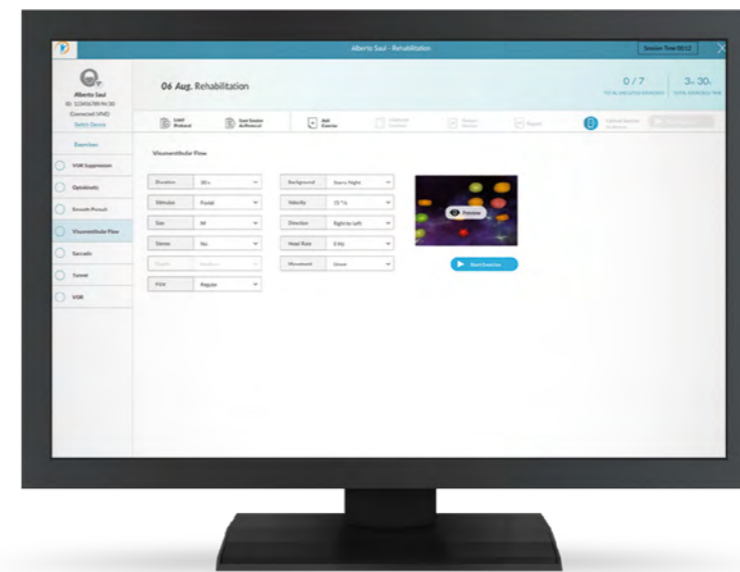
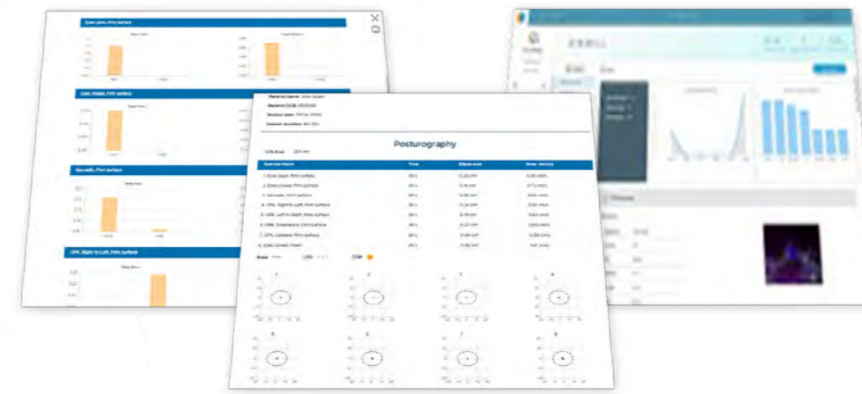
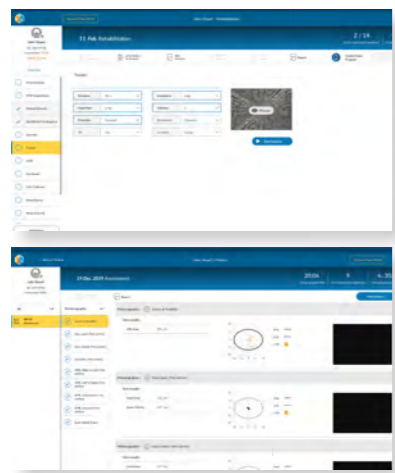
Pico Neo 3 Pro



VII Vertigo

A high-end virtual reality based system, designed for vestibular, balance and oculomotor disorders. Therapy becomes controlled, high customized and trackable.

- › Smooth Pursuit
- › Saccadic
- › Optokinetic Nystagmus
- › VOR (Vestibulo Ocular Reflex)
- › VOR suppression
- › Vergence
- › Fixation
- › Seek and Find games
- › Visual Effects: Tunnel (Visual Parallax), Supermarket, Indoor and outdoor environments, Fantasy, City, Elevator, Universe/space, Car



VII Vertigo solution



- Composition:**
- Libra VR Clinic
 - VR Goggles & DP cable

who is this solution for?

- ✓ ENT's
- ✓ ORL's
- ✓ Audiovestibular Physicians
- ✓ Audiologists
- ✓ Vestibular Physiotherapists

main applications

- Vestibular Rehabilitation
- Visual Stimulation w/ VR
- VOR / Saccadics
- Tunnel / Elevator Effect
- Optokinetic Nystagmus



Pico Neo 3 Pro

PC minimum requirements

It is mandatory to have the minimum requirements to guarantee proper functioning of the system

Computer	
Processor (CPU)	i5-4590 or better
RAM	8 GB
USB Ports	2x USB 2.0 or 30 ports and 1x DisplayPort 1.2
Operating System	Windows 10 or 11
Graphic Card	NVIDIA GeForce GTX 1060 6GB

[Schedule a demo now](#)

VIII Basic

Designed for those looking for a more economical system for balance assessment and training. This system is very portable and is connected to a computer or laptop via USB cable. It has a set of protocols, games and balancing exercises. A perfect combination between features and price.

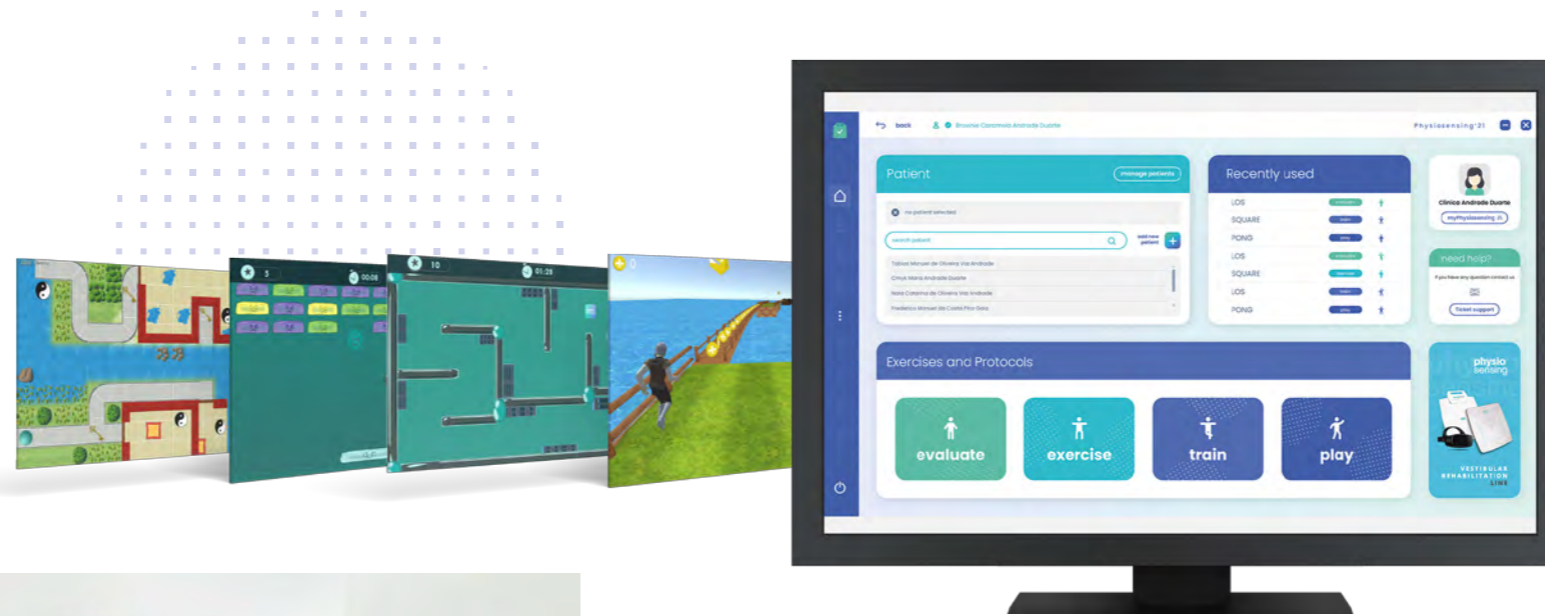
+ 8 Balance Protocols Assessment

- > mCTSIB- Modified Clinical Test of Sensory Interaction on Balance
- > Romberg Test
- > Body Sway (posturography)
- > LOS - Limits of Stability
- > Fall Risk
- > Rhythmic Weight Shift
- > Unilateral Stance
- > Balance Error Scoring System

+ 4 Balance Games

- > Several shapes, figures and games to balance practice

+ 30 Balance Exercises



VIII Basic solution



Composition:

- Low cost Plate
- Balance Software

Included accessories:

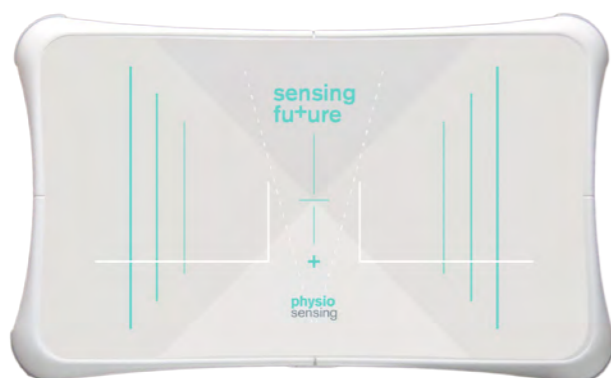


who is this solution for?

- ☑ Physiotherapists
- ☑ ENT's
- ☑ Audio physicians
- ☑ Audiologists

main applications

- Balance Assessment with 8 clinical reports
- Balance Training with biofeedback
- Fall Risk Assessment
- Posturography



- ☑ 4 load cells
- ☑ Stabilometric plate

TECHNICAL SPECIFICATIONS

Size (Length x Width x Height)	51 x 32 x 5.5 cm
Weight	4 kg
Sensors	4 load cells
Power supply	USB cable
Acquisition Data	100 Hz
Computer Interface	USB

PC minimum requirements

It is mandatory to have the minimum requirements to guarantee proper functioning of the system

Computer	
Processor (CPU)	i3, 2GHz avoid Ultra Low Power "U" series of CPU
RAM	2 GB
USB Ports	2.0 or 3.0
Operating System	Windows 10 or 11

[Schedule a demo now](#)

IX Kine-Sim

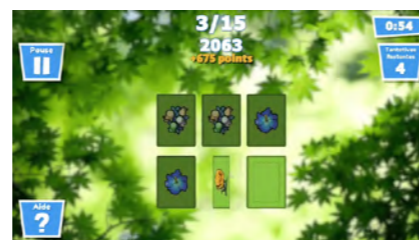
The first balance and cognitive motor-exercise equipment dedicated to physical and neurological rehabilitation and to autonomy preservation for the senior. With two motion platforms combined, perfectly synchronized with multimedia content for passive and assisted movements.

AN ENGAGING TOOL

With over 70 real life scenarios, patients are more engaged and satisfied with therapy, experiencing an improved overall quality of life.

Therapies

- > Balance Training
- > Posture Correction
- > Reaction
- > Motricity
- > Cognitive
- > Dual Task Training
- > KineStep (climbing stairs)

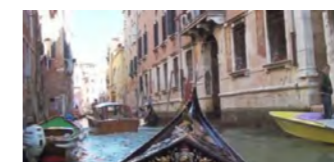
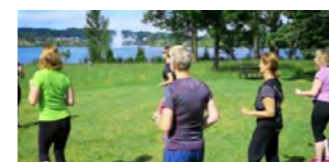
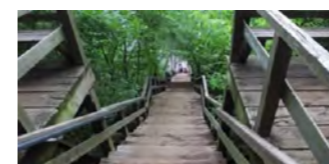


Intuitive hardware and software design allowing the operator to set the user up in as short as 1 minute.

Immersive Training

The dual independent dynamic platforms move in sync with the multimedia content playing on a monitor to simulate different scenarios in daily life, allowing the training to be interactive, immersive and fun.

- > Sports & Exercise
- > Unipodal Movement
- > Bipodal Movement
- > Transportation



IX Kine-Sim solution



Composition:
An unique integrated product

who
is this solution for?

- ✔ Senior living residences
- ✔ Neurological & Physical Rehabilitation Facilities

main applications

- Ageing
- Amputation
- CVA
- Spinal cord injuries
- Parkinson's disease
- Cerebral palsy
- Loss of autonomy
- Multiple sclerosis
- Musculoskeletal problems
- Cranial injuries
- Strokes
- Concussions

[Schedule a demo now](#)



PhysioSensing Setup

Choose the best setup for your case. Take into account the type of computer, whether laptop or desktop, as well as the size of the screen. We recommend that the PhysioSensing operating setup be planned in advance.



How to get a PhysioSensing?

PURCHASE PROCESS

1. Make a request

Visit our website www.physiosensing.net or send email to info@sensingfuture.pt



2. Qualification meeting

In this brief meeting (15 minutes) we will understand what you are looking for. We can also provide technical and scientific advice. This can be done by phone, video call, or instant messaging.



3. Demonstration and Solution Definition

At this stage we will show you how the system works and confirm that it is exactly what you are looking for.



4. Proposal

Preparation of the proposal: defining product, shipping, accessories and payment method.



5. Acceptance of proposal

Signature of the proposal by the client, as acceptance and confirmation.



6. Payment

Payment can be made by bank transfer or credit card.



7. Shipping

We ship to all countries in the world. Goods are sent by carrier (UPS, DHL or other). Outside of European Union, you may have to pay customs fees upon entry into your country in accordance with the law of the country.



8. Setup

Once you receive the system, you have everything you need to get started. If necessary, we will provide installation support via video call. You will also have a 30-minute initiation training.



9. Warranty and Support

Your product has a 2-year warranty. We support the customer, and within a maximum period of 24 hours you have a feedback. We provide a fully remote support system, where 99% of our requests get resolved remotely. Since the beginning of our activity, we have never had the need to replace or repair any installed equipment.



10. Training

We have clinical practice training available for using your new system, which can be acquired at the time of purchase, or later when you feel the need.



Training

Why PhysioSensing Training?

In the dynamic field of healthcare, continuous growth is not just an option. Training is the key to preventing professional stagnation. Without this commitment to growth, we risk becoming outdated, emphasizing that investing only in cutting-edge technology is not enough.

TRAINING TOPICS

- > Fundamentals of Human Balance System
- > Clinical practice & Case studies
- > Fundamentals of Balance Training
- > Introduction to Posturography
- > Introduction to PhysioSensing
- > Updated scientific evidence
- > Balance Assessment Protocols

TRAINING CONTEXTS:

- > For all PhysioSensing users
- > Recycle knowledge from a team of rehabilitation professionals
- > Lectures, webinars and seminars

Ana Souto, a physiotherapist with a master's degree in human physiology, specializes in neurobiology as the clinical specialist at PhysioSensing. Leveraging her expertise in scientific research, she crafts personalized assessment and training plans, ensuring users receive the most effective care based on the latest scientific findings. Beyond program design, Ana guides new clients and provides advanced training and support to existing customers, deepening their clinical practice knowledge.

Our Specialist



ANA SOUTO

5 practical tips FOR GOOD USE

1

Ensure a **physical space** dedicated to PhysioSensing.

2

Turn on PhysioSensing **every day**. Always have it available for a quick evaluation!

3

Guarantee one or two people who **specialize** in the use of the equipment and who can train others. Ensure people are willing and happy to learn.

4

Define internal **procedures** depending on the pathology evaluation phase during the recovery process. Write the procedures!

5

Make **case studies** and publish them! It's good reputation for your clinic. Promote your innovative methods.

Scientific publications

Some scientific publications of PhysioSensing users

Immediate Effects of Aquatic Therapy on Balance in Older Adults with Upper Limb Dysfunction: An Exploratory Study

Maria Graça, et al.

2020

- Aquatic Physiotherapy
- Standing Balance
- Force Plate

Article

Full article

The Effect of a Resistance Training, Detraining and Retraining Cycle on Postural Stability and Estimated Fall Risk in Institutionalized Older Persons: A 40-Week Intervention

Rafael Nogueira Rodrigues, et al.

2022

- Fall Risk
- Elderly Population
- Postural Stability
- Strength exercise
- Force Plate

Article

Full article

Comparing Machine Learning Approaches for Fall Risk Assessment

Joana Silva, et al.

2017

- Fall Risk
- Pressure Plate
- Machine Learning

Article

Full article

Multifactorial Screening Tool for Determining Fall Risk in Community – Dwelling Adults Aged 50 Years or Over (FallSensing): Protocol for a Prospective Study

Anabela Correia Martins, et al.

2018

- Fall Risk
- Pressure Plate
- FallSensing screening tool
- Dwelling Adults

Article

Full article

Case-Based Study of Metrics Derived from Instrumented Fall Risk Assessment Tests

Anabela Correia Martins, et al.

2016

- Force Plate
- Fall Risk
- Case Study
- Postural Control

Article

Full article

Screening tool to assess the risk of falling

Alcino João Silva de Sousa

2017

- Pressure Plate
- Fall Risk
- Machine Learning

Master Thesis

Full article

Learning

visit our **blog**

High value content on Stabilometry, Baropodometry and Virtual Reality.



watch our **webinars**



download **free resources**



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e-mail
info@sensingfuture.pt



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- › Training program & Webinars
- › Product Innovation and scientific projects
- › Large scale production and OEM's
- › Projects and public tenders
- › Integration with your product



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