



LIFEMAX

TAKE YOUR BUSINESS TO
THE NEXT LEVEL

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WOODWAY CURVE LTG

The Curve LTG is designed to be a lighter duty version of the original non-motorized treadmill, the Woodway Curve. Woodway recognizes that many general fitness users don't need all the performative aspects of the original Curve – that's where the LTG was born. The Curve LTG is the solution for home gyms, small commercial settings, boutique set-ups, and personal training.

The nuts and bolts of this product aren't very different from Woodway's performance line-up. The design is still best-in-class and the TPE slat-belt is still softer than the industry average while the curvature reduces joint, muscle, and tendon wear.



There are no boring workouts when zoning-in on a HIIT session or middle distance runs. You're in complete control. The belt is controlled by both stride and cadence. The multi-user display also allows easy training amongst groups, tracking and summarizing the stats of up to 4 runners, with Heart Rate available from number of third party devices and apps via ANT+ or Bluetooth.

LIGHTSPEED LIFT

LightSpeed Lift's lift from the hip technology relieves up to 30kg's of a person's body weight, allowing for enhanced training and treatment capabilities. Each model is designed to accommodate specific body types and training needs.

IMPROVE MOVEMENT, BALANCE, STRENGTH AND SPEED

Built to alleviate pain and stress on bones and joints. LightSpeed Lift's body weight support system maximise's performance speed, relieves impact force and enhances natural movement and balance for athlete's and those challenged with physical debilitating conditions.



LightSpeed Lift is an affordable anti-gravity suspension system designed to help people stand, walk or run safely, thus helping to efficiently recover and maintain strength and endurance after injury or illness.

Developed by a Physical Therapist to improve "Movement for Every Body." LightSpeed's patented, FDA-approved, clinically proven system works with existing treadmills minimizing floor space and cost. LightSpeed's reliability, ease of use, low cost, and patient satisfaction are unmatched.

FRONTIER X2

Monitor a patient's cardiac health with immediate access to real-time data on Heart Rate, Breathing Rate, Strain, HRV, Continuous ECG, and additional metrics.

The Frontier X2 incorporates groundbreaking technology that meticulously records every facet of the patient's heart, providing tailored insights that are essential for the development of the best cardiac well-being.

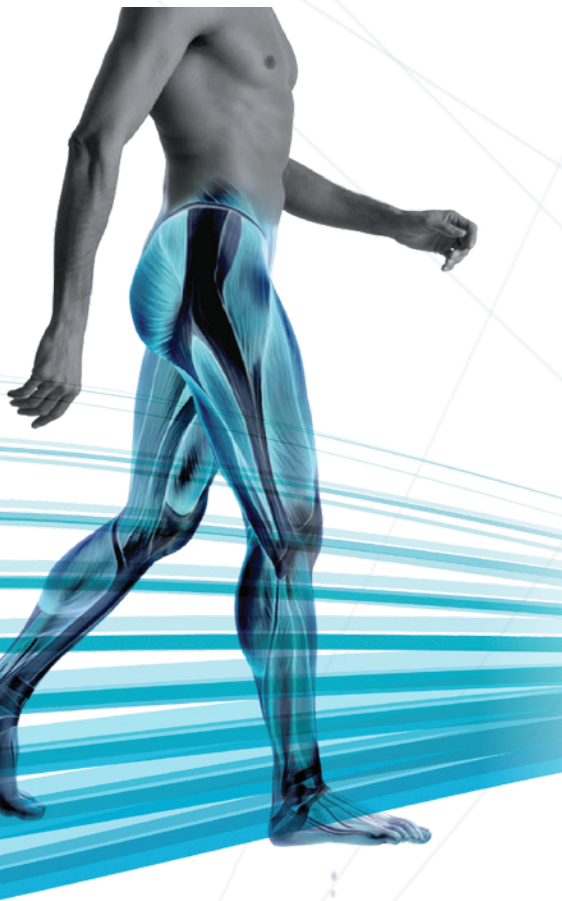
- Continuous ECG records the heart's electrical activity
- Strain measurement tracks how hard your patients are exerting their hearts
- Live-stream ECG from anywhere across the globe
- ECG report in pdf format anytime, anywhere
- 1 on 1 consultations
- Expert analysis
- Personalised recommendations
- AI monitoring of their heart
- Progress reports



OPTOGAIT

Optogait is an innovative system for movement analysis and functional assessment of patients with normal or pathological conditions

The system is equipped with optical sensors working at a frequency of 1000 hz and having an accuracy of 1cm, detecting the relevant space and time parameters for gait, running or other test types.



The objective measurement combined with an integrated video acquisition, allows monitoring of a patient's condition on a constant basis, detecting problem areas, assessing mechanical inefficiencies and rapidly verifying the existence of asymmetries between both legs.

GYKO PRO



GykoPro is a triaxial inertial system with a time resolution of one thousandth of a second. At the operational level, it allows real-time assessment of flexibility, balance control, strength and power development.



- **ASSESS AND MEASURE** a subject's balance in different situations and/or on different surfaces.
- **MONITOR** exercise intensity with real-time visual biofeedback.
- **TRACK AND REPORT** the subject's recovery throughout rehabilitation.



- **IN CONJUNCTION WITH OPTOGAIT** integrate ground-level information with torso kinematics for a summary of dynamism, stability and coordination.
- **QUANTIFY** single-joint flexibility or muscle strength developed using loads.

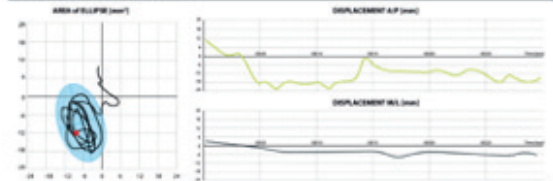
Report Rossi Pierluigi
28/05/2019 14:46:10

OPTOGAIT

SWAY ANALYSIS REPORT

Balance is a fundamental ability of human movement. The evaluation of sway parameters may help to understand which strategy is used to keep the control. By area and displacements may indicate the use of a hip strategy and thus a need to improve ankle functionality to decrease the risk of falls.

PRINCIPAL PARAMETERS



VALUE	DESCRIPTION
Area of ellipse [mm ²]	103.5 95% of the movements happen in this area. Smaller values, better stability.
AP length [mm]	101.7 Total excursion in AP direction.
ML length [mm]	38.9 Total excursion in ML direction.
Total length [mm]	117.2 Total length of the path of the COM. Smaller values, better stability.

TIME - DOMAIN: DISTANCE MEASURES

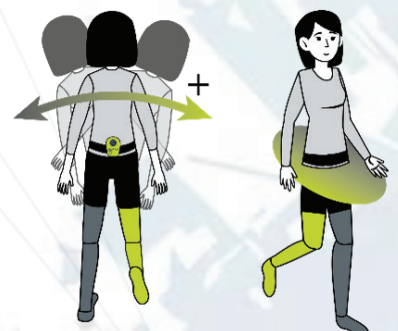
VALUE - RMS	DESCRIPTION
AP mean distance [mm]	4.34 - 5.07 Mean distance from the AP endpoint of the AP trajectory.
ML mean distance [mm]	1.79 - 1.98 Mean distance from the ML endpoint of the ML trajectory.
Mean distance [mm]	4.03 - 5.44 Mean distance from the endpoint of the total trajectory. RMS measures the variability.

TIME - DOMAIN: VELOCITY

VALUE	DESCRIPTION
AP mean velocity [mm/s]	5.08 Mean velocity of the movements in the AP direction.
ML mean velocity [mm/s]	1.94 Mean velocity of the movements in the ML direction.
Mean velocity [mm/s]	5.86 Mean velocity of the total movements. High values, bad stability, index of stress.



Antero-posterior movements



Medio-Lateral movements

Ellipse of motion

MICROGATE

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OPTOGAIT

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ACTIVFORCE 2

ACCURATE. ACCESSIBLE. AFFORDABLE.

A rehab revolution. The digital advantage for physical therapy. Transform your rehab treatment with data-driven diagnosis.

Activforce's integrated digital system measures, tracks, and visualizes key strength metrics and force data, giving physical therapists immediate insights into individual patient's capabilities. From review to recovery, Activforce supports better outcomes for clinicians and clients.



ActivForce's patented, portable dynamometer & inclinometer — uses high-precision pressure sensors to measure force data. It comes with straps and attachments to support a range of exercises and tests. Data is visualized in real-time through the companion mobile app, and easily accessed on an intuitive web dashboard, where reports can be shared instantly.



HEALTH & HUMAN PERFORMANCE

BODYSTAT 1500 MDD

The Bodystat 1500MDD offers accurate body composition assessment, early cardiovascular risk detection, as well as being a perfect weight management tool for fitness & health professionals.

Motivation is an essential part of effective weight management, and indeed general health. The touch screen provides a colourful visual tool to show your clients their improvement, no matter how small. Trend graphs in the software allow you to monitor progress and small changes in fat or lean mass showing significant changes in cardiac risk assessments and health management.



The 1500MDD also boasts powerful software with upgraded functionality and new early detection tools, covering everything from core cellular health to underlying disease and muscle wastage.

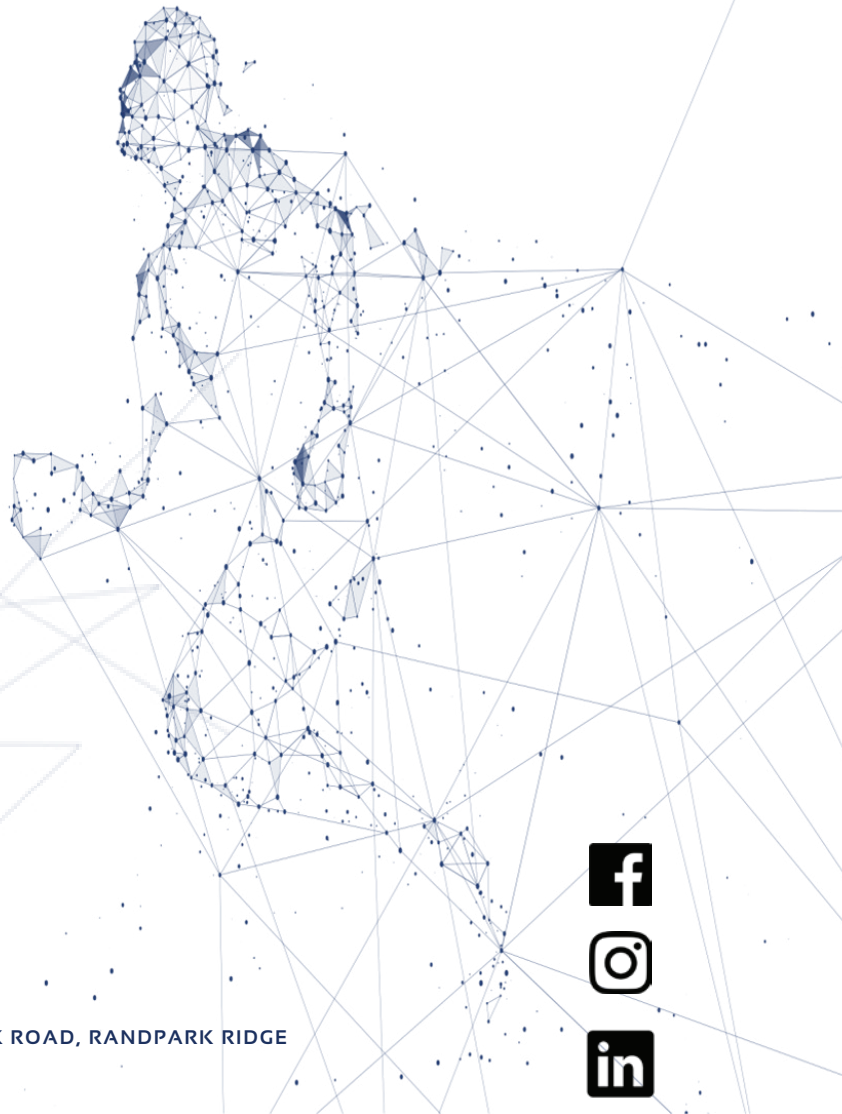
Simple to use, the 1500MDD has been created to complement the work of the weight loss and weight management professionals.



ABOUT US

LifeMax (Pty) Ltd is a South African company established in 1997 that focusses on marketing specialized new technology products to professionals working in the sports, nutrition, health, fitness and medical markets.

Our dedicated team at LifeMax use our years of experience in partnering with the world's most desired Life Science, Human Motion and Sport Science brands to bring you leading solutions for measuring, testing, monitoring and improving human performance.



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HEALTH & HUMAN PERFORMANCE