



PHYSIOMED ELEKTROMEDIZIN AG

**proxomed**<sup>®</sup> | ERGOFIT

**SOLUTIONS FOR  
ENDURANCE TRAINING**

**Endurance Training  
Software**

**INDIVIDUAL  
SOLUTIONS  
2024**

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COLOUR-CODE:





## **We are the PHYSIOMED GROUP!**

The PHYSIOMED GROUP thus brings together what belongs together in the therapeutic path of patient treatment in the areas of rehabilitation, sport and aesthetic medicine. By combining our resources, expertise and experience, we offer an expanded product portfolio that enables us to respond even more specifically to the needs of our customers and their customers. As a full-service provider of physical therapy and training therapy solutions, our products, software solutions and efficient billing concepts cover almost all areas of the healthcare market.

The goal of the PHYSIOMED GROUP in the changing healthcare system of the future is to accompany even more people on their path to health with maximum therapeutic success, thereby enabling them to enjoy a better quality of life. In addition to our core market in Germany, we are represented globally with our brands proxomed, PHYSIOMED and ERGOFIT with products and services for the benefit of a healthy society.

We are an EN ISO 13485 certified, leading medical technology company with TÜV-certified safety and quality standards: our products fulfil the requirements of the European Medical Device Directive (MDR) and bear the CE mark.

The satisfaction and success of our customers are important to us. Our competent network of medical device consultants, service technicians, training staff and local partners worldwide ensures that individual customer and market requirements are identified and fulfilled. We will continue our long-standing commitment to quality and reliability.

Marcus Melching, Chairman of the Board  
PHYSIOMED ELEKTROMEDIZIN AG

# PHYSIOMED ELEKTROMEDIZIN AG

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## PHYSIOMED

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## Innovative test and training equipment

With our hardware, one thing takes top priority: the optimum functionality.

„Made in Germany“ is still going strong – and high quality materials and fabrication, ease of use and maximum safety levels mean that the test and training devices offered by the PHYSIOMED ELEKTROMEDIZIN AG are the most reliable working devices in the fields of therapy, rehabilitation and fitness. The wide range of training devices available can be networked and offer optimum use with RFID.

## You're on the safe side with PHYSIOMED

The PHYSIOMED ELEKTROMEDIZIN AG maintains a medical device quality management system in accordance with DIN EN ISO 13485. Our training machines comply with the requirements of the European Medical Device Regulation (MDR) and carry the CE mark. Quality and safety are monitored by TÜV SÜD Product Service GmbH. Trained sports scientists provide you with support in the sales, training and implementation of our programs.



# Global Extension

Hospitals, clinics, rehabilitation centers and private physiotherapy practices and also medical doctors provide different medical products to improve health condition after surgery or as a conservative approach of treatment. The main goal is to enhance the motoric skills of a patient.

The focus is the improvement of strength, endurance, coordination, velocity and flexibility. Specially planned and focused activities stimulate joints, muscles, tendons, ligaments and nerves. Also the motoric cortex gets a stimulus main part in the active exercise treatment.

For the patient who is doing rehabilitation, it is important that devices can be adjusted properly, progressed slowly and controlled in speed, range of motion and coordination. Due to improved capacity of the neuromuscular and cardiovascular system joints, muscles and cardiopulmonal system are very much relieved.

To manage and document the progress of the treatment, tests on devices are needed to lead to an individual treatment program, which is the focus of PHYSIOMED ELEKTRO-MEDIZIN AG developed products. The variation of the machines to adapt to the needs of a patient makes the difference of medical devices.

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- Ecuador
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- El Salvador
- Estonia
- Finland
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- Turkmenistan
- Ukraine
- United Kingdom
- United States
- Uzbekistan
- Vietnam



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# ENDURANCE TRAINING



**Basic Cycle**



## kardiomed 700

Our kardiomed 700 devices fulfill the stringent requirements for rehabilitation and health training in the field of medical training therapy.

### Your advantages

- Magnetic induction brake system
- Real time monitoring of all devices on a central station
- High resolution color touchscreen
- RFID system
- High standard training and user comfort
- Different endurance tests through interface port RS232
- Different integrated training programs and profiles
- Individual training plan based on endurance test result
- ECG accuracy single-channel pulse measurement by a POLAR device
- Tested safety in accordance with the European Medical Device Regulation (MDR)

» Software see pages 17/18

*Scan for more information!*



# kardiomed 700



Comfort Cycle



Upper Body Cycle



Cross Walk



Stair



# CARDIO 4000/CARDIO 400

Our medically certified Cardio devices enables a healthy and effective training in physiotherapy practices, rehab facilities and fitness centers.

Our goal is to offer your therapists, trainers and trainees the best possible technology for healthy and effective fitness training. Our cardio devices meet the highest demands for daily professional use. In addition to first-class workmanship paired with creative ideas, they offer unmatched ease of use and convincing details. This makes the cardio devices perfectly suitable for medical fitness training, physical therapy, rehabilitation clinics and the private healthcare market. Our cardio devices are characterised by a particularly low initial load for use in therapy and are also suitable for people with a high body weight.

» Software see pages 20/21



Scan for more information!



**Cycle 4000**



**Cross 4000**



**Recumbent 4000**



**Circle 4000**

**CARDIO 4000/CARDIO 400**



**Stair 4000**



**Trac 4000**



**Cycle 407 Med**



**Cycle 457 Med**

# kardiomed 540

Our kardiomed 540 devices are some of the only cordless devices independent from power supply, which makes them sustainable products. But nevertheless all devices meet the regulations of the European device directives to use the products with patients.

## Your advantages

- Mains-independent operation
- Durable, clear 7-inch touch display
- Wide range of networking options for the new control unit (RFID, NFC, barcodes) (optional)
- Free cross-over with ergometers
- Tested safety in accordance with the European Medical Device Regulation (MDR)



Scan for more information!



**Basic Cycle**



**Comfort Cycle**



**Cross Walk**



**Stair**



Upper Body Cycle



Upper Body Cycle Wall



kardiomed Pluto

## kardiomed 540

## kardiomed Pluto

*Scan for more information!*





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**ERGOFIT**

**SOFTWARE**

# proxoforce

## Trendsetting Diagnostic and Training controlling Software for Exercise Therapy

The proxoforce training planning and control software supports therapists/trainers and patients through the entire course of treatment in the acute, development and retention phases and in various specialist fields, such as orthopaedics, traumatology, neurology and secondary prevention.

The software supports doctors, physiotherapists, sports therapists and trainers in the planning and execution of strength tests and training programmes in auxotonic and isometric working conditions, as part of medical training therapy.



Software  
for  
**proxomed®**  
products



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information!

# proxoforce

## Features

- Training planning via Profile, Free and Template based
- Interface HL7, THEORG as well as Import/Export
- Profile consists of: ICD-Code, training condition, training goals for strength and endurance, focus on body region and proportion of endurance in the automatic training plan
- Integration of ICD-Codes for documentation and plan creation
- Pyramid training for strength
- Interval training for endurance
- Implemented IPN-Test, WHO max, 6MWT and Steep Ramp
- Extension of the Free Exercises with the FE-Editor
- Multi-Tenancy



**Infopoint**  
Patient and Client Terminal



**Workoutpoint**  
Presenting Functional Activities



# smart assist

## User-friendly Touchscreen with Various Feedback Curves

The smart assist system is the most important part for tergumed 710, compass 600 and an option for compass 540 line. It can be connected with the patented ultrasonic measuring sensors, as well as force, position and pulse sensors. Through integrated RFID system smart assist can activate the training and implement the visual feedback training in the right position, which is an individual training. For that reason the system is a secure system for patient and client.

### Your advantages

- Intuitive operator guidance via an 8" touchscreen monitor
- RFID reader
- Medical LAN Isolator
- Ultrasonic sensors for automatic weight detection
- Sub-max. strength test and ROM test
- Isometric test\*
- Visual feedback strength training with various curves
- Connection to position sensor for precise positioning
- Connection to pulse sensor for pulse monitoring in real time
- Quick start and Power training program for training without card
- Multi languages



Highlights



Integrated various testing



Isometric strength testing with curve



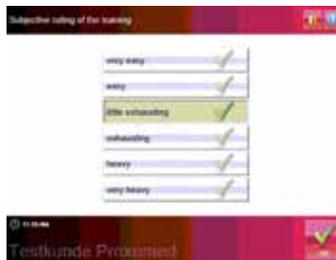
Various curves for feedback-training



Weight detection with Ultrasonic sensor



Positioning with position sensor



Subjective rating of training



Scan for more information!

# Vitality Care

## The digitisation of your training space

Digitisation in training means more possibilities for you: intensive customer focus, the documentation of individual progress, visual exercise demonstrations, personal feedback – from anywhere and at any time. Our Vitality Care enables you to have comprehensive integration of your entire training space and manage all customer information with just one click.

## More time to provide your patients and members with individual support

Manage and direct the success of your patients' and customers' training. With the aid of the modules, you create a customised training plan that fits all customer needs in just a few clicks. Thanks to the training analysis, you can observe your customers' individual progress and provide long-term support. Supplement the training as needed with free weight/bodyweight exercises for overall success.

## Simple and time-saving training for your members

Using our training wristbands and RFID technology, your members can log in at the start of training simply and intuitively. The personal training data and settings can be stored for each target group according to the therapist's or trainer's instructions and are automatically saved. The high-quality touch screens ensure optimal visualisation as training support with real-time feedback.

Software  
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products



## VITALITY ANAMNESIS

Professional master data portal on medicine-relevant training history:

- Anamnesis tool for automated classification according to WHO Diseases (ICDWHO)
- Commenting feature for relevant training information in patients
- Optimal detection of diseases as part of the current medical training therapy

## VITALITY STATISTICS

Complete training documentations with analyses and statistics:

- Utilisation of the facility and training areas
- Utilisation of equipment
- Individual user statistics
- Personalised training data for members and patients

## VITALITY TRAINING

Personalised and individual training planning:

- Unlimited possibilities of individual training planning of patients and members
- Function of automated training template for time-efficient training planning
- Simple drag and drop system for device and workout selection
- Exercise extension with creating free exercises

## VITALITY MARKETING

Targeted ads on your training displays as an optimal advertising material:

- Customised advertisements for different target groups
- Modern practice presentation (courses, in-house events, new concepts)
- Tailored patients and member information (Do good and talk about it!)
- Varied entertainment (news, product information ...)

# Vitality Care

## Your benefits

- Comprehensive training monitoring with the Vitality Care enables efficient and health-oriented fitness training.
- Your employees have their workload reduced and have sufficient time for providing direct support to your clients.
- Your members are guided personally in all training phases.
- Your employees and trainees receive a detailed training evaluation, including success concept and comprehensible feedback.
- Satisfied clients will remain faithful to your institution and will gladly recommend it to others.
- You can manage more trainees individually in a shorter time.

## Benefits for your clients

- Quick and easy operability facilitates training especially for beginners and older trainees.
- Exercise execution errors will be avoided as well as wrong device settings.
- Visual representation of the personal training process enables simple orientation.
- Perfect individual care of your trainees through VITALITY CARE.
- Shorter more effective units for your trainees.

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Home of our brand



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