

NEW

THERAvital®

**MOBILITY TRAINER
WITH COLOR MONITOR – THE NEW STANDARD
FOR PROFESSIONAL USE**



MOTOR

medica
MEDIZINTECHNIK GMBH

YOUR PARTNER FOR GREATER MOBILITY

Daily training is just as important as eating and drinking for wheelchair users



THERAvital®

... for use in the clinic!

The new THERA-vital has been developed to cope with the exacting demands of daily use in clinics – to provide optimal support for physiotherapy.

Patients with very different clinical signs and symptoms who have been referred from neurological, orthopedic and cardiology departments can train effectively using the new THERA-vital system. Simplicity of use and maximum adaptability are essential in a clinical setting.



... for use at home!

The THERA-vital is also ideal for patients to use at home. If it is integrated into the daily routine it is particularly suited for treatment of the following:

- > Multiple sclerosis
- > Strokes and hemiplegia
- > Paraplegia and tetraplegia
- > Parkinson's disease
- > Muscular disorders
- > Injuries to the skull and brain
- > Rheumatic disorders
- > Cardiovascular disorders
- > Postoperative therapy
e.g., after hip replacement

Daily training with THERA-vital...

- > regulates muscle tone (spasticity) making everyday activities easier
- > promotes strength and stamina
- > reduces right/left deficits through symmetry training
- > activates residual muscle strength through motor muscle support
- > reduces circulation deficiencies (cold feet, prophylaxis of thrombosis)
- > helps retain mobility (fewer contractions, shortening of tendons etc.)
- > improves digestion and urination
- > reduces edema (water in the legs)
- > improves the performance of the heart and circulation
- > reduces frequent symptoms of pain
- > has a positive benefit on psychological and physical well-being



Attainment of therapeutic goals cannot be left to chance – make sure THERA-vital is an integral part of the therapy plan in the clinic or at home.



Success of therapy in the home

The patient, physician, physiotherapist and medical insurer all want to achieve the same goal – to make sure that the benefits of therapy are retained for as long as possible after it is concluded. Daily THERA-vital training comes into its own here. It is the ideal complement to physiotherapy at home. The patient can generally use the THERA-vital from his or her wheelchair without the assistance of anyone else. An increase in performance will have a positive influence on most other daily activities such as movement, eating, hygiene etc.

Daily THERA-vital training makes a substantial contribution to independence.

SAFETY – a top priority

The THERA-vital can hardly be beaten in terms of safety. This is exemplified by the emergency stop facility that is speech-activated, integrated as standard for several years. This offers additional safety for the user in many situations – in particular when training the upper body. A further example is the pulse control, also integrated as standard in the THERA-vital for a number of years, or the sensitive anti-cramp mechanism. Cramps are immediately registered by the highly-sensitive electronics and an electronic flywheel gently compensates for irregular leg movement.

THERA-vital provides the safety that patients need.

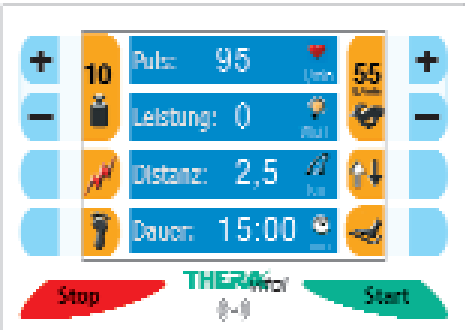
Adaptability without the need for tools

The THERA-vital is adapted to the requirements of the patient. Important settings – for instance the stepless radius adjustment – are easy to make without the use of tools. Therapeutic grips and arm restraints can be changed using a simple plug-in system. In a few seconds the upper-body trainer is turned into a handle for support. Distances can be adjusted without the use of force thanks to the softglide adjustment system.

Convince yourself of the extraordinary variability of the new THERA-vital system.



Easy to comprehend biofeedback displays motivate and guide the patient during training. All of the important training values are clearly shown on the color monitor at all times.



All training values displayed optimally on screen at all times.

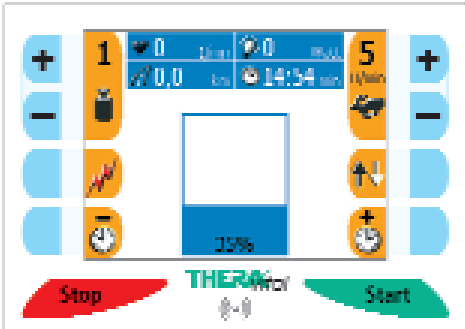
Motivation through biofeedback in color

Medica invented symmetry training in 2003 – today it is being re-defined. The optimal training range is displayed clearly in color, thus increasing the efficiency of training substantially. In particular, patients who have had a stroke can now train better to compensate for right-left deficits. The display changes as soon as passive warm-up training is stepped up to active training. The symmetry is displayed in bar or "road" form depending on the settings. The results are displayed in an easily comprehensible form at the end of the training session.

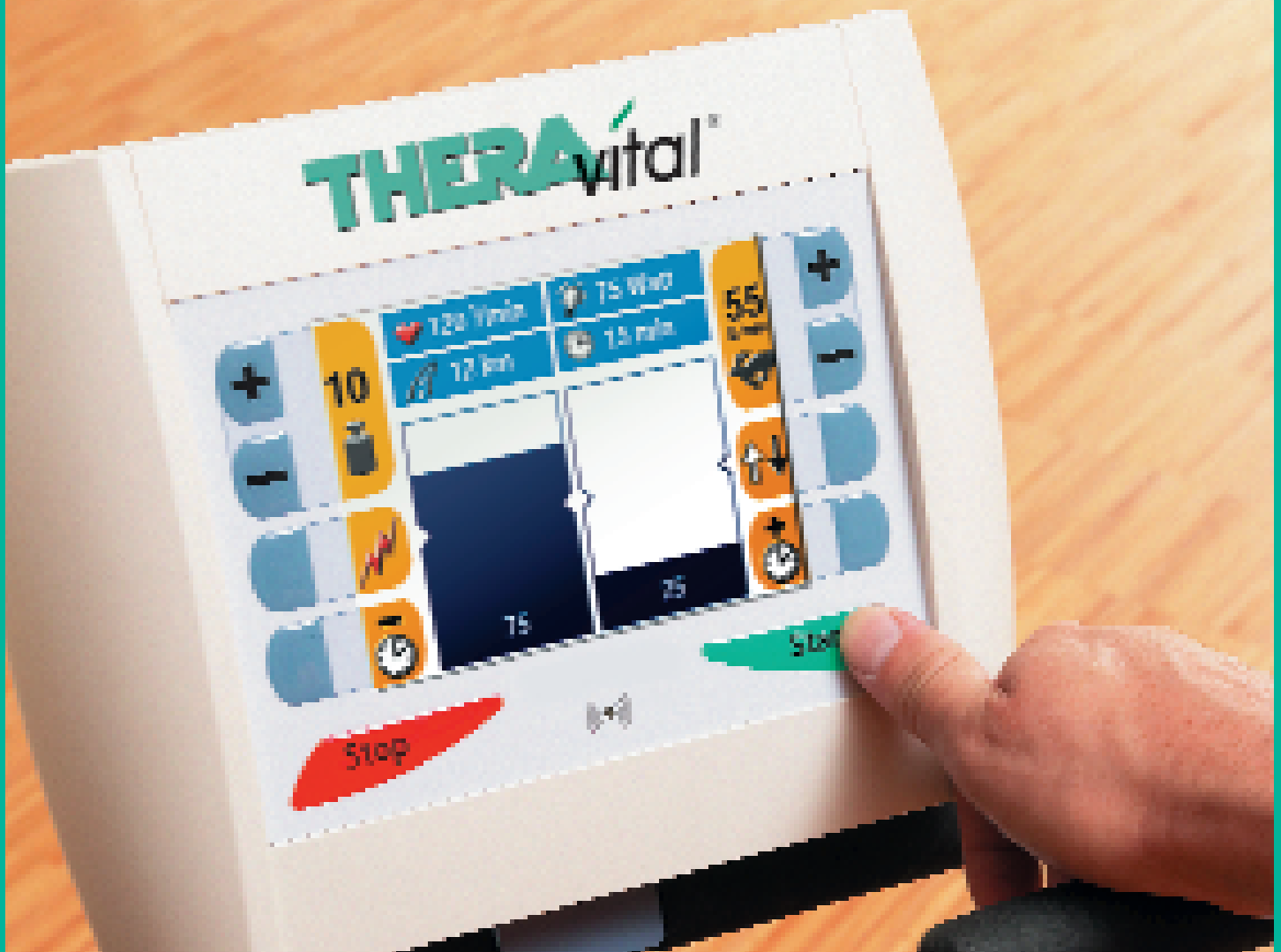
Biofeedback in color effectively increases the success of therapy.



Motivating – Biofeedback "road" with obstacles.



Regulation of muscle tone – clearly visible in the biofeedback display.



Simple operating modes shown in color

If it works don't change it – this maxim also applies for the START/ STOP lights of medica. This is as simple as it gets. Important settings such as speed, training time, direction of rotation and resistance can be changed to suit the needs of the individual at any time – without having to switch to another display. If necessary, the physician or therapist can make special adjustments in a submenu – just as simple as with a mobile phone.

There is no need for operation to be complicated if it can be this simple!

Measurable success of therapy in color

The screen is the interface between the user and the machine. It therefore plays a very important role – and the product developers at medica have placed considerable value on this. All of the important training values are always clearly displayed on the large THERA-vital color monitor (time, speed, pulse, performance etc.) without the display continuously changing. The high brilliance allows all values to be read without difficulty even by those with less than perfect vision. Data is absorbed more rapidly if it is in color. The screen can be inclined to make reading easier.

The color monitor on the THERA-vital sets the new standard for professional equipment.

Easily understood symbols are a guarantee for simple and safe operation.

Features and technical data:

- Color monitor (120mm x 90mm)
- START/ STOP- traffic light display
- Speech-activated safety stop feature
- Display of time, distance, performance, direction of rotation, pulse etc.
- Symmetry display right/left with biofeedback "bars" or "road"
- Passive display of leg resistance / rigidity
- Evaluation of training at its end
- Pulse control and regulation
- Control of watts
- Anti-cram mechanism for stretch or bend spasticity

- Integrated electronic flywheel
- Motor muscle support
- Assisted mounting
- Grip, height and inclination adjustable
- Radius adjustment - 2-step
- Foot shells - wipable
- Transport feet with large pull-out transport rollers

- 200 watt motor - powerful, very quiet and free of play
- Metal frame - robust and safe
- Upper body trainer with "softglide" horizontal adjustment (optional)
- Plug-in system that does not require tools for arm restraints (optional)
- Environmentally friendly powder coating in light blue
- Length = 74cm, width = 46cm, height = 105cm
- Weight = 32kg
- Power requirements: 220V, 50Hz
- Tested safety: CE, ISO 9001: 2000, DIN ISO 13485, EMC



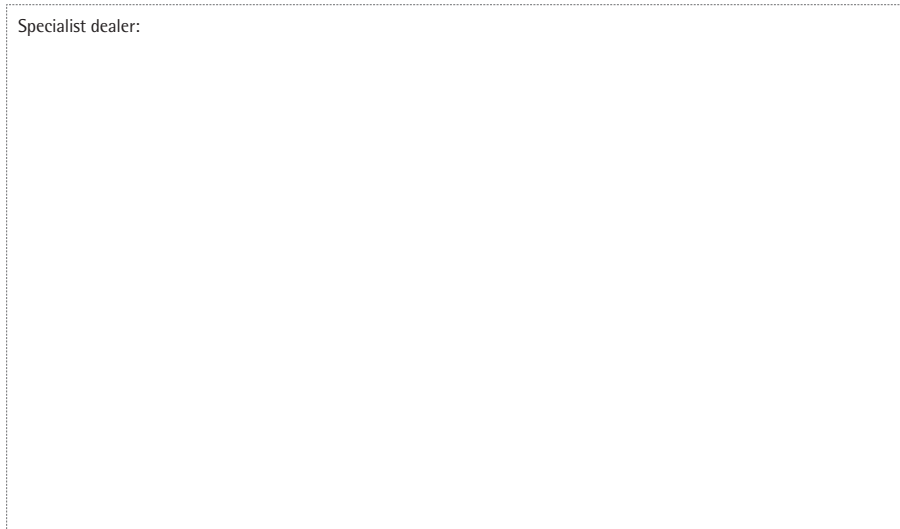
THERAvital®

We provide a complete package of assistance

Take advantage of this opportunity to convince yourself of the benefits of the new THERA-vital.

The costs of the THERA-vital may be borne by health insurers. Its price-performance ratio is outstanding.

Specialist dealer:



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