

**Zimmer**  
MedizinSysteme



**PhySys**

**50 YEARS**



# Excellence in Medicine - for 50 years, for you in your practice.

With our competence and our actions, we serve human health. For this reason, we focus equally on medical science, modern technologies, and the needs of the user.

We have been committed to this since our founding in 1969 – with inventiveness, passion, and strictly scientific methods.

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# Electro- and ultrasound therapy, essential partners for successful therapy

Electro- and ultrasound therapy – an important branch of physical medicine – plays a significant role today in the treatment and rehabilitation of many diseases.

It is used in pain therapy and muscle therapy and to promote circulation and improve trophicity.

In addition to

- classical current forms
- modern programs for muscle and sports rehabilitation
- special current forms for special therapy methods

PhySys offers the patented *SonoSwing* method in the field of ultrasound therapy.



## The high-tech therapy centre in a practice-oriented system

The innovative therapy centre for electro- and ultrasound therapy offers many combination options to expand the treatment spectrum. The therapy system, which is equipped with graphic touch and an ultramodern surface, is easy to operate and ensures maximum motivation for the user.





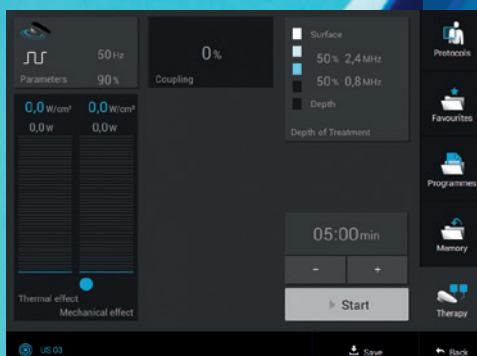
# Treatment with PhySys



## Electrotherapy

Electrotherapy refers to a series of methods in which electrical energy is used for therapeutic purposes. The effects are achieved with various current forms in which either nerves and muscles are stimulated or tissue is polarised.

PhySys has a comprehensive, varied current form program which covers all areas of application of electrotherapy.



## Ultrasound therapy "SonoSwing method"

Ultrasound therapy has an effect on the one hand through localised heat and on the other hand through "micromassage" on a cellular level. Both effects can be dosed separately.

PhySys is equipped with an ergonomic multifrequency transducer which allows the simultaneous output of 2 frequencies:

- 0.8 MHz      Depth effect
- 2.4 MHz      Surface effect

Through the innovative, patented *SonoSwing* method, the percentage of both frequencies can be freely selected.

They determine the depth of penetration and the target site, individually adapted to your patient.



## Simultaneous method – Ultrasound and electrotherapy in one therapy session

The combined use of ultrasound and stimulation current is highly efficient in the treatment of functional disorders, such as those related to myofascial pain syndromes. A series of options can be offered as private health services.

# PhyxSys

## CLINICAL INDICATIONS





## A plus for your therapeutic results

An important column of  
the range of therapies you offer

Design aesthetics combined with  
ultramodern technology

Trust in contemporary  
therapeutic services

Satisfied customers  
as a reference for  
your medical practice



# Product features

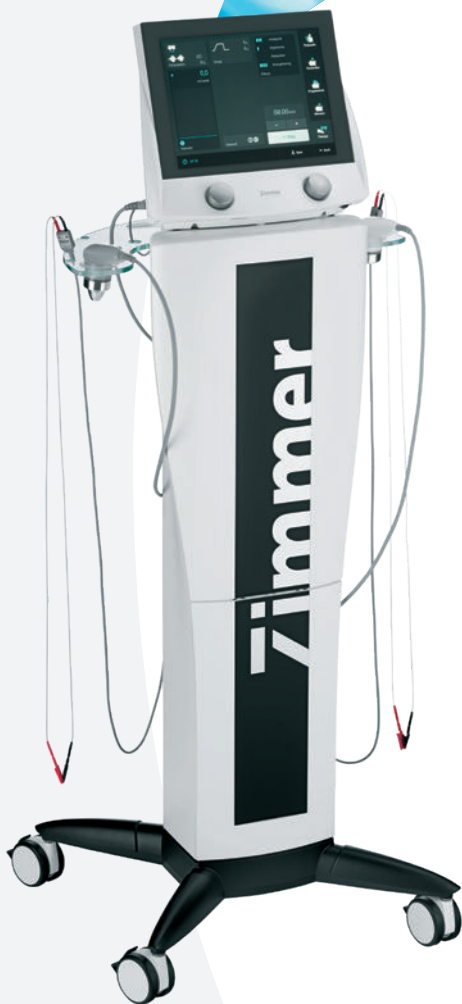
- Modern graphic touch
- Intuitive menu navigation for minimal operating effort
- Individual program start settings
- Effect- and parameter-related program selection
- Therapy recommendations can be selected using a list or by body region
- Professional user information
- Programs can be operated in single-channel and dual-channel mode
- Programs can be changed and saved with reference to the patient

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## Technical data



### Electrotherapy

Number of channels  
2-channel synchronisation  
Channel selection

2, completely independent (intensity and parameters)  
Parallel / Alternating  
Monostim / 1 program - 1 channel  
TwinStim / 1 program - 2 channels  
DuoStim / 2 programs - 2 channels

Internal channel switch  
Current forms / programs  
Sport rehabilitation

Yes  
Galv., diadynamic currents, MF, interference  
Sequence programs with automatic control of the warm-up phase, training phase and relaxation phase  
99 entries each in the memory, Favourites and diagnostic lists  
Convenient using a USB stick

Program memory  
Individual data management

### Ultrasound

Ultrasound transducers  
Frequencies

Multifrequency transducer with 2 frequencies  
0.8 MHz, depth effect  
2.4 MHz, surface effect

Maximum emission of power  
Coupling

3 W/cm<sup>2</sup>  
Audio and visual display on transducer

### Simultaneous use

Pre-set programs according to desired effect or individually selectable

### Vacuum

Only in connection with the column

Possible uses  
Vacuum strength  
Control

Continuous / Pulsed  
Freely adjustable  
Via the touch screen

### Options

- Column
- Holder for US transducers and gel
- Swivelling base

### Dimensions

PhySys without column  
PhySys with column

H 30 x W 35 x L 20 cm  
H 138 x W 53 x L 52 cm

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