

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.



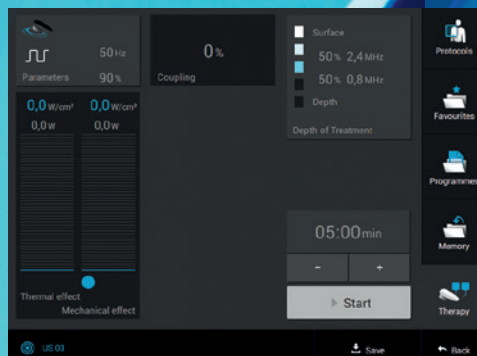
Treatment with PhySys



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



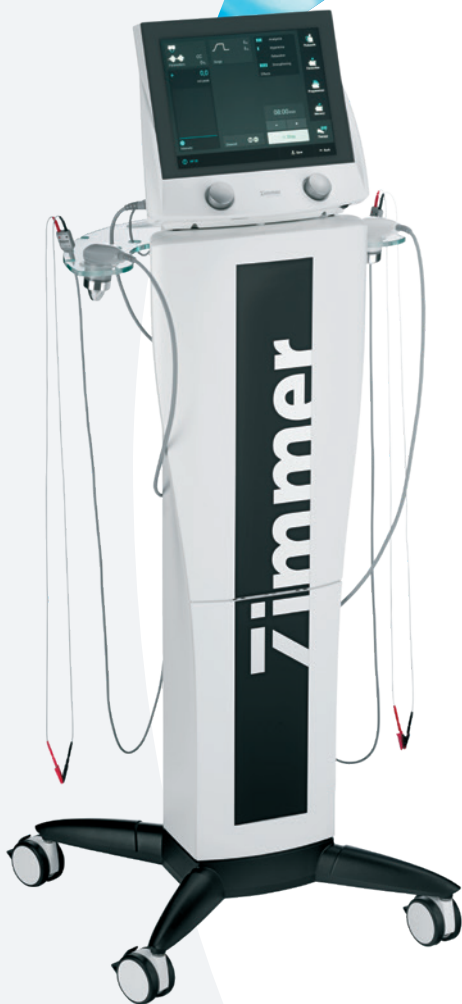
Product features

- 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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Medizintechnik



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

Program memory
Individual data management

99 entries each in the memory, Favourites and diagnostic lists
Convenient using a USB stick

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/cm²
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

Zimmer MedizinSysteme GmbH
Junkersstraße 9
89231 Neu-Ulm, Germany
Tel. +49 7 31. 97 61-291
Fax +49 7 31. 97 61-299
export@zimmer.de
www.zimmer.de

