

TECNICAL DATA:

- Stimulation device with low- and medium-frequency current incl. Faradic surge current and exponential currents with variable pulse time and pulse shape
- Special diagnostic menu to determine the Accommodation Quotient
- Indications Index with therapy proposals for various indications and degrees of damage
- 25 individual program memories
- Especially user friendly by virtue of the LCD Comfort Display for good transparency and the PHYSIOMED one-button operation.
- Safety limits to individual therapy parameters.

Current output at 500 Ohm

Low-frequency current: max. 15 mA

Medium-frequency currents: max. 40 mA

Power consumption: 40 W

Mains connection: 230 V / 50 Hz

ACCESSORIES

	vocaSTIM <sup>®</sup> -MASTER	vocaSTIM <sup>®</sup> -TRAINER
1 Mains cable	■	■
1 Patient lead with sling	■	■
1 Plate electrode EF 10 red/red	■	■
1 Plate electrode EF 10 blue/blue	■	■
4 Viscose covers EF 10	■	■
1 Plate electrodes EF 50 blue/blue	■	■
1 Plate electrodes EF 50 red/red	■	■
4 Viscose covers EF 50	■	■
5 vocaCARDS, chipcards	■	■
2 Velcro straps, 40 X 6 cm	■	■
1 Manual release key	■	■
1 Grip handle for electrodes without push-button	O	O
1 Puntiform electrode ball 1,5 cm	O	O
1 Accessory tray	■	■
4 CDs with exercise patterns according to Pahn	■	■
1 Operating instructions	■	■
1 CD player	■	■
1 Speaker	■	■
1 Soft carrying bag	O	■
1 Diagnostics footswitch	■	-
1 Special device cart	O	O

■ = Standard accessories

O = Optional accessories

- = Not available

PHYSIOMED instruments comply with the latest safety standards and the provisions of the Medical Devices Act. They are manufactured as per the current standards of quality assurance, have passed a type test and feature the statutory CE mark pursuant to Directive 93/42.

ISO 9001



MADE IN GERMANY

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03/2003  
Mistakes and errors are  
subject to change.

vocaSTIM<sup>®</sup>

In LARYNX PARESES, APHASIA, DYSPHASIA and DYSARTHRIA...

The EFFICIENT THERAPY CONCEPT for your  
PHONIATRIC, ENT, LOGOPEDIC, SPEECH THERAPY

PRACTICE as well as for REHABILITATION CENTERS



PHYSIOMED<sup>®</sup>  
ELEKTROMEDIZIN

**N M E P S**  
(Neuro Muscular Electro Phonatory Stimulation) for treatment and prophylaxis of:

- n. recurrens paresis
- n. laryngeus-superior paresis
- combined pareses of the larynx
- ankylosis capsularis of the arytenoid cartilage
- neuromuscular fatigue
- neuromuscular tenseness
- neuralgias, dysestias and pareasthias

**N M E A S**  
(Neuro Muscular Electro Articular Stimulation) For treatment of:

- aphasia, dysphasia and dysphagia due to central pareses and dysarthric disturbances in peripheral pareses of the cranial nerves
- V n. trigeminus
- VII n. facialis
- IX n. glossopharyngeus
- X n. vagus
- XI n. accessorius
- XII n. hypoglossus

**vocaSTIM®**  
the efficient therapy concept for **diagnosis, therapy, therapy process control and autonomous therapy/autonomous voice training** of the patient.

#### STANDARDISED NMEPS AND NMEAS THERAPY ACC. TO PROF. PAHN

NMEPS and NMEAS are based on the electrostimulation technique of the so called intentional exercises. This technique combines the attempt of triggering a voluntary contraction (here: phonatoric and articulatory functional exercises acc. to Prof. PAHN, from CD) with the manual triggering of electrostimulation by means of a manual release key. The optimum functional exercises and corresponding current parameters are selected acc. to the indication and degree of damage, which are determined by a diagnostic procedure initially and in therapy progress control. Therapy may be accomplished in in-patient or, autonomously by the patient, in home treatment.

**vocaSTIM® -MASTER**  
Clinical version with all diagnostic, therapy, control and memory functions for rapid, automatised diagnosis and determination of the therapy program; possibly with the aid of the Indications Index (therapy proposals for the individual indications

and degrees of damage, incl. pictures for electrode application); Storage of the therapy parameter-son the vocaCARD, which, at the same time, enables you to control the number of accomplished exercises (Compliance).

#### vocaSTIM® -TRAINER

Patienten version reduced in its



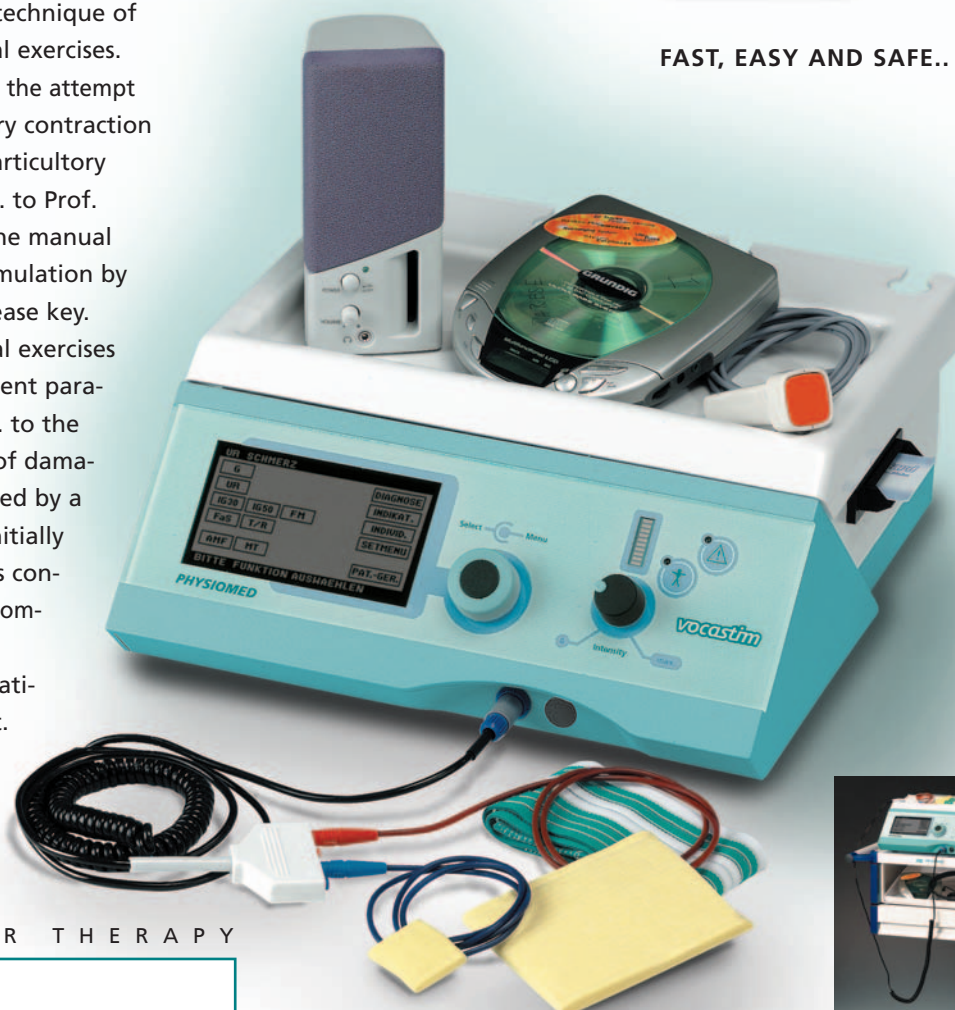
functions to the therapy parameters stored on the vocaCARD.

#### vocaCARD



for therapy program and control of the exercise units.

**FAST, EASY AND SAFE..**



#### TYPICAL THERAPY PROCEDURE:

##### 1. vocaSTIM®-MASTER

Diagnostics, determination of the degree of the pareses. Provision of the therapy parameters/phonation exercises with the aid of the Indications Index. Storage of therapy parameters and number of prescribed exercise units on the vocaCARD. Instruction of the patient concerning therapy with the vocaSTIM®-TRAINER.

##### 2. vocaSTIM®-TRAINER

Patient inserts the vocaCARD in the device and autonomously carries out intentional exercises (at home or in clinic), several times daily. With inserting the vocaCARD the device automatically reads in the stored therapy parameters. The phonation exercises are played back from CD. After the prescribed number of exercises has been carried out, the device is locked automatically.



##### 3. VOCASTIM®-MASTER

After appr. 10 days the patient returns to the clinic/practice with the vocaCARD. The therapy progress is checked there in a diagnostic procedure. The therapy parameters and number of prescribed exercise units are updated on the vocaCARD.

##### 4. vocaSTIM®-TRAINER

The patient starts the next training section with the newly stored data.

**Therapy unit**  
with device cart

TECHNOLOGY FOR THERAPY

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