

# THE NEW BTL-4000 SERIES

This new and advanced series of physiotherapy products offers devices for ultrasound therapy, electrotherapy, laser therapy and magnetotherapy. The outstanding parameters and wide range of applicators, including the revolutionary HandsFree Sono™ make this line an ideal choice for any professional practice.

The BTL-4000 Series is available in two models: the **BTL-4000 SMART** and the **BTL-4000 PREMIUM**.

## EASY OPERATION

- Therapy can be started with a single touch

**2.6.** • Possibility to select up to eight QUICK protocols for each therapy

- Large colour touch screen provides clear visualization of all important information

- Touch screen available in two sizes: 7" for the **BTL-4000 PREMIUM**

**2.1.**

or 4.3" for the **BTL-4000 SMART**

**2.1.** Didelis, spalvotas jutimasis ekranas suteikiantis aiškią vizualizaciją ir visą svarbią informaciją. 7" ekranas BTL-4000 Premium

**2.6.** Galimybė pasirinkti iki 8 Greitųjų protokolų kiekvienai terapijai



# FULL RANGE OF APPLICATORS AND ACCESSORIES

- Time-saving HandsFree Sono™ applicator
- Ergonomically designed, heated ultrasound heads
- Wide spectrum of laser probes and clusters for wide range of treatments
- Powerful magnetotherapy applicators
- New vacuum unit with adjustable vacuum intensity
- Well-designed durable trolley for everyday use

## DATABASE

- Easy management of the patient database
- All patient relevant information can be stored in the device memory
- Easy recall of patients' records and related treatments

## PORTABILITY

- Easy manipulation
- Lightweight battery-operated devices

## THERAPEUTICAL PROTOCOLS

- Wide library of preset protocols for easy and effective application
- Classification of the protocols according to the biological effects
- 2.9. • Full-colour encyclopaedia with anatomical images
- Description of therapies and positioning of applicators for treatment protocols

2.9. Pilnai spalvota enciklopedija su anatominiais vaizdais  
Terapijų aprašymas ir aplikatorių pozicionavimas terapiniams protokolams

## NAVIGATION THROUGH BODY PARTS

- Body Parts navigation for fast access to localized protocols
- Clearly arranged Body Parts in ten groups



# HANDSFREE SONO™

## THE ONLY OPERATOR INDEPENDENT APPLICATOR WITH ROTARY FIELD

2.14. BTL Hands Free Sono turi unikalią rotacinio lauko technologiją. Tai pirmas rinkoje aplikatorius, kuris sukuria rotacinį ultragarsinį lauką, nereikalaujantį terapeuta dalyvavimo

2.14. The BTL HandsFree Sono™ brings the unique Rotary Field Technology. It is the first ultrasound applicator on the market which creates electronically precise rotating ultrasound field without necessity of a therapist activity. This outstanding technology enables very fast, effective and comfortable treatment and reduces operator fatigue.



Automatic application by the HandsFree Sono™



Hand operated application by a therapist

### ROTARY FIELD TECHNOLOGY: THE PRINCIPLE

The ultrasound Rotary Field Technology is the latest innovation based on multiple crystal applicators. The ultrasound crystals are organized in the applicator as an array of ultrasound transmitters which are controlled by a real time processor unit. The real time processor unit activates the individual crystals according to preset parameters.

The Rotating Field is created by a sequential activating of crystals while the real time processor controls speed of rotation, output power and depth of ultrasound field penetration for each individual crystal. Such a precise control makes the ultrasound therapy effective and safe against any risks such as hotspots which are typical of some stationary ultrasound technologies.



# MAXIMUM FLEXIBILITY FOR ALL TREATMENT POSITIONS



## FEATURES AND BENEFITS OF THE BTL HANDSFREE SONO™

- Saving operator's time and effort
- More efficient therapy & elimination of therapist's fault
- Maximum safety using the embedded Rotary Field Technology
- Equal ultrasound dosage over the entire treated area
- Alternating frequencies 1 and 3 MHz
- Two models of HandsFree Sono: 18 cm<sup>2</sup> with six crystals and 12 cm<sup>2</sup> with four crystals

2.14.

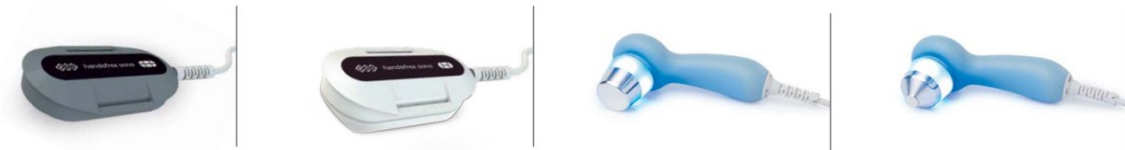
2.14. HandsFree sono 18 cm<sup>2</sup> su 6 kristalais

# ULTRASOUND

## A BREAKTHROUGH IN THE ULTRASOUND THERAPY

This operator independent ultrasound system saves the operator's time, while making ultrasound treatment more effective than ever before. An easy operation, the most advanced parameters and a wide library of protocols make the BTL-4000 Smart and the BTL-4000 Premium the most advanced system in the industry.

Accessories for BTL-4000 SMART / PREMIUM



## BTL-4000 PREMIUM

- HandsFree Sono™ applicator\*
- QUICK protocols
- Body Parts navigation

2.2. Simultaneous treatment with 1 and 3 MHz

2.2. Gydomas vienu metu  
1 ir 3 MHz dažniais

- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database
- Heated ultrasound heads
- Portable and battery-operated\*

\*optional