



# PHYSIOTHERAPY

## BTL-4000 SMART & PREMIUM





[sales@btlnet.com](mailto:sales@btlnet.com)  
[www.btlnet.com](http://www.btlnet.com)

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# BTL-4000 SMART BTL-4000 PREMIUM THE MOST ADVANCED TECHNOLOGY IN THE INDUSTRY

Based on over 20 years of experience in design and manufacture of products for physiotherapy, BTL has designed the brand new series of ultrasound, electrotherapy, laser and magnetotherapy modalities: the BTL-4000 Smart and Premium. During their development, all of the efforts focused on designing the most technologically advanced system for physiotherapy; the system that would be comfortable to use, easy to operate, while featuring the best parameters available today.

The brand new HandsFree Sono™ ultrasound technology is the first of its kind and presents a technological breakthrough: this revolutionary advancement is made possible due to the proprietary Rotary Field Technology.

The electrotherapy module features the widest range of the most advanced waveforms available today. The laser therapy system offers the most effective treatment for pain management and other selected conditions, using the most advanced and the most powerful probes in the industry. The magnetotherapy unit includes up to four channels in one unit to maximize your therapy options.

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# ONE-TOUCH START WITH QUICK THERAPY PROTOCOLS





# 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

### 6. Galimybė pasirinkti 8 Greituosius protokolus (programas) kiekvienai terapijai

- Therapy can be started with a single touch
- 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** or 4.3" for the **BTL-4000 SMART**



# 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

5. **Protokolų (programų) klasifikacija pagal biologinį poveikį (efektą).**
  - Wide library of preset protocols for easy and effective application
5. **Classification of the protocols according to the biological effects**
4. **Full-colour encyclopaedia with anatomical images**
  - Description of therapies and positioning of applicators for treatment protocols
4. **Spalvota enciklopedija su anatomiais vaizdais, programų aprašymu, aplikatorių pozicionavimo pavyzdžiais**

## NAVIGATION THROUGH BODY PARTS

8. **Body Parts navigation for fast access to localized protocols**
  - Clearly arranged Body Parts in ten groups
8. **Navigacija pagal kūno dalis ir greitas protokolų parinkimas**  
Aiškus suskirstymas į 10 kūno dalių



# SAVE YOUR TIME WITH THE NEW **HANDSFREE SONO™**

The new operator independent **HANDSFREE SONO™** is a stationary applicator with built-in Rotary Field Technology.

The technology makes ultrasound therapy more comfortable for the patient, while saving an operator's valuable time and energy.



# HANDSFREE SONO™

## THE ONLY OPERATOR INDEPENDENT APPLICATOR WITH ROTARY FIELD

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

# 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
- Simultaneous treatment with 1 and 3 MHz
- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database
- Heated ultrasound heads
- Portable and battery-operated\*

\*optional



## BTL-4000 SMART

- HandsFree Sono™ applicator\*
- Simultaneous treatment with 1 and 3 MHz
- 4.3" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Heated ultrasound heads
- Portable and battery-operated\*

\*optional

### FEATURES & BENEFITS OF THE BTL-4000 ULTRASOUND

#### 16.2. Operatoriaus laiką ir pastangas saugantys HadsFree Sono aplikatoriai

- Saving operator's time and effort with HandsFree Sono™
- Suitable for combined therapy (simultaneous ultrasound and electro therapy)
- Ergonomic heads with visual accessories identification / visual patient contact indicator
- Heated multi-frequency applicators: 1 and 3 MHz available
- Trolley\*

\*optional

### TECHNICAL SPECIFICATIONS OF THE BTL-4000 ULTRASOUND

MODEL	BTL-4710 SMART	BTL-4710 PREMIUM
Part number	P2710.401	P2710.701
Display	4.3"	7"
Knob		•
QUICK protocols		•
Body Part navigation		•
Patient database		•
Number of independent channels	1	1
Number of heads simultaneously connected	2	2
Modular frequency	10-150 Hz	10-150 Hz
Duty factor	5-100 %	5-100 %
Max. intensity in continuous mode	2 W / cm <sup>2</sup>	2 W / cm <sup>2</sup>
Max. intensity in pulsed mode	3 W / cm <sup>2</sup>	3 W / cm <sup>2</sup>
Dimensions	380 × 190 × 260 mm	
Weight	Max. 3 kg	
Mains supply	100-240 V/AC, 50-60 Hz	
Standard accessories	Ultrasound head 5 cm <sup>2</sup> , gel 300 ml, adapter, manual	

#### Optional accessories

Part number P2700.004	HandsFree Sono 6 crystals (including 3 fixation straps)	Part number P2700.001	Ultrasound head 1 cm <sup>2</sup>
Part number P2700.003	HandsFree Sono 4 crystals (including 3 fixation straps)	Part number P007.011	Ultrasound gel 1 l
Part number P2700.002	Ultrasound head 5 cm <sup>2</sup>	Part number P007.010	Ultrasound gel 0,3 l
		Part number P2000.005	Battery pack
		Part number P2000.006	Carry bag

# **ELECTROTHERAPY**

THE MOST COMPREHENSIVE  
RANGE OF THERAPY  
OPTIONS



## TECHNICAL SPECIFICATIONS OF THE BTL - 4000 ELECTROTHERAPY

MODEL	BTL-4620 SMART	BTL-4625 SMART	BTL-4620 PREMIUM	BTL-4625 PREMIUM
Part number	P2620.401	P2625.402	P2620.701	P2625.701
Display	4.3"	4.3"	7"	7"
Knob			•	•
QUICK protocols			•	•
Body Part navigation			•	•
Patient database			•	•
Electrotherapy channels	2	2	2	2
Electrodiagnostics		•		•
Galvanic	•	•	•	•
Diadynamic currents	•	•	•	•
Träbert	•	•	•	•
Faradic	•	•	•	•
Neofaradic	•	•	•	•
Exponential pulses	•	•	•	•
Exponential pulses with rise	•	•	•	•
Rectangular pulses	•	•	•	•
Russian stimulation	•	•	•	•
Stimulation pulses	•	•	•	•
Trapezoid pulses	•	•	•	•
Triangular pulses	•	•	•	•
Combined pulses	•	•	•	•
TENS	•	•	•	•
NPHV	•	•	•	•
Sequences	•	•	•	•
2-pole interference	•	•	•	•
4-pole interference	•	•	•	•
Isoplanar and vector field		•		•
Interrupted pulses		•		•
Leduc current		•		•
H-wave		•		•
Microcurrent		•		•
Mid-frequency surges		•		•
Spastic stimulation - Hufschmidt		•		•
Spastic stimulation - Jantsch		•		•
HVT		•		•
IG pulses		•		•
Modulated pulsed current		•		•
VMS current		•		•
Kotz current		•		•
EPIR		•		•
Dimensions	380 × 190 × 260 mm			
Weight	Max. 3 kg			
Mains supply	100-240 V/AC, 50-60 Hz			
Standard accessories	2× electrode connection cable - light grey and dark grey, 4× flat rubber electrode 5×7 cm, sponge covers, set of fixation straps, adapter, manual			

# ELECTROTHERAPY

## FULL RANGE OF WAVEFORMS FOR THE BEST THERAPEUTIC EFFECT

The BTL-4000 Smart and the BTL-4000 Premium feature two channel electrotherapy units with a wide selection of waveforms. The new BTL-4000 series offers a fast therapy option using the QUICK screen, an easy navigation according to the body parts treated, all of them being clearly visible on the device large colour touch screen.

Accessories for BTL-4000 SMART / PREMIUM



## BTL-4000 PREMIUM

- QUICK protocols
- Body Parts navigation
- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database
- Portable and battery-operated\*

\*optional



## BTL-4000 SMART

- 4.3" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Portable and battery-operated\*

\*optional

### FEATURES & BENEFITS OF THE BTL-4000 ELECTROTHERAPY

- The largest range of waveforms available in the industry
- Protocols organized by the required therapy effect
- Programmable sequences
- High Voltage therapy
- Constant Current and Constant Voltage modes
- Suitable for combined therapy (simultaneous ultrasound and electro therapy)
- Trolley\*
- Connection to the vacuum unit\*

\*optional

#### Optional accessories

Part number P5600.007	Electrode 7 × 5 cm – 2 mm input, 1 pc.
Part number P5600.008	Electrode 12 × 8 cm – 2 mm input, 1 pc.
Part number P006.014	Sponge cover for electrodes 7 × 5 cm, 1 pc.
Part number P006.016	Sponge cover for electrodes 12 × 8 cm, 1 pc.
Part number P2600.002	Electrode connection cable for electrotherapy BTL-4000 Smart/Premium, for channel 1, light grey
Part number P2600.003	Electrode connection cable for electrotherapy BTL-4000 Smart/Premium, for channel 2, dark grey
Part number P5600.024	Set of fixation straps for electrodes, 4 pairs (1 pair long, 1 pair middle sized, 2 pairs short)
Part number P5600.010	Bipolar vaginal electrode
Part number P5600.011	Bipolar rectal electrode
Part number P5600.013	Holder for ball-point electrode for BTL-4000/5000
Part number P5600.014	Ball-point attachment for BTL-4000/5000 – 2 mm in diameter
Part number P5600.015	Ball-point attachment for BTL-4000/5000 – 6 mm in diameter
Part number P5600.023	Adhesive electrodes 75*140 mm, nonwoven (4 per package)
Part number P5600.026	Adhesive electrodes 32 mm, nonwoven (4 per package)
Part number P5600.027	Adhesive electrodes 50 mm, nonwoven (4 per package)
Part number P5600.028	Adhesive electrodes 40*40 mm, foam (4 per package)
Part number P5600.029	Adhesive electrodes 50*50 mm, foam (4 per package)
Part number P2000.005	Battery pack
Part number P2000.006	Carry bag

# LASER THERAPY

## THE MOST EFFECTIVE APPLICATORS FOR PAIN MANAGEMENT AND REGENERATION

### WIDE RANGE OF APPLICATORS

BTL offers a wide range of infrared and red probes and clusters for laser therapy. Infrared probes and clusters penetrate deeper into the tissue while red are used to treat superficial areas such as wounds, scars or haematomas. All infrared applicators have embedded pilot beams that navigate on the treatment area during the therapy.

## LASER PROBES

For small treatment areas, select an applicator with up to 400 mW in power.



Probe	Technical parameters	Part number
Red probe - divergent	685 nm / 30 mW	L458.211
Red probe - divergent	685 nm / 50 mW	L458.212
Infrared probe - convergent	830 nm / 50 mW, green navigation	L458.201
Infrared probe - convergent	830 nm / 100 mW, green navigation	L458.202
Infrared probe - convergent	830 nm / 200 mW, green navigation	L458.203
Infrared probe - convergent	830 nm / 300 mW, green navigation	L458.204
Infrared probe - convergent	830 nm / 400 mW, green navigation	L458.205

## LASER CLUSTERS

For larger areas, select an applicator with a treatment area of up to 50 cm<sup>2</sup>, and power of up to 1,500 mW.



Cluster	Technical parameters	Part number
Red cluster	685 nm / 200 mW total output	L455.201
Infrared cluster	830 nm / 800 mW total output, blue navigation	L455.202
Infrared cluster	830 nm / 1300 mW total output, blue navigation	L455.203
Combined cluster	685 & 830 nm / 1000 mW total output, blue navigation	L455.204
Combined cluster	685 & 830 nm / 1500 mW total output, blue navigation	L455.205



# LASER THERAPY

## ERGONOMICS DESIGNED FOR EVERYDAY USE

Both the BTL-4000 Smart and the BTL-4000 Premium Lasers have a wide spectrum of powerful applicators with three types of wavelengths and adjustable intensity levels. The laser modules can address most biological effects required from low level laser therapy, while reaching maximum treatment efficacy. The large database of preset protocols makes the use of the laser device easy and comfortable for advanced practitioners as well as those new to the laser therapy.

Accessories for BTL-4000 SMART / PREMIUM



## BTL-4000 PREMIUM

- QUICK protocols
- Body Parts Navigation
- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database
- Portable and battery-operated\*

\*optional



## BTL-4000 SMART

- 4.3" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Portable and battery-operated\*

\*optional

### FEATURES & BENEFITS OF THE BTL-4000 LASER

- Two outputs for simultaneous connection of laser applicators
- Wide range of red, infrared and combined laser probes and clusters
- Continuous and pulsed therapy options
- Automatic recalculation of therapy parameters
- Preset protocols for laser acupuncture
- Trolley\*

\*optional

### TECHNICAL SPECIFICATIONS OF THE BTL-4000 LASER

MODEL	BTL-4110 SMART	BTL-4110 PREMIUM
Part number	P2110.401	P2110.701
Display	4.3"	7"
Knob		•
QUICK protocols		•
Body Parts navigation		•
Patient database		•
Number of probes simultaneously connected	2	2
Modes operation	Continuous and pulsed	Continuous and pulsed
Dosage	Fine 0.1-99.0 J / cm <sup>2</sup>	Fine 0.1-99.0 J / cm <sup>2</sup>
Frequency	0-10000 Hz	0-10000 Hz
Therapy area	0.1-100 cm <sup>2</sup>	0.1-100 cm <sup>2</sup>
Duty factor	35-100 %	35-100 %
Laser class	3B	3B
Dimensions	380 × 190 × 260 mm	
Weight	Max. 3 kg	
Mains supply	100-240 V/AC, 50-60 Hz	
Standard accessories	Holder for laser probe, adapter, manual	

#### Optional accessories

Part number P5100.008	Safety eyewear, protection level L3 or higher, plastic	Part number L449.008	Optical attachment for gynaecology
Part number L449.005	Holder for optical attachment	Part number L449.009	Optical attachment for gynaecology with rounded end
Part number L449.006	Optical attachment for dentistry	Part number P2000.005	Battery pack
Part number L449.007	Optical attachment for ENT	Part number P2000.006	Carry bag

# MAGNETOTHERAPY



HIGH PERFORMANCE  
AND SAFETY

EXTENSIVE THERAPY  
OPTIONS



# MAGNETOTHERAPY

## VERSATILE POSSIBILITIES WITH FOUR CHANNEL UNIT

The BTL-4000 Smart and the BTL-4000 Premium feature up to 4 magnetotherapy channels in one unit and a large selection of powerful magnetotherapy applicators.

9. All of them are equipped with the unique FMF Technology™ providing maximum safety for operators. To start the therapy, choose from the preset therapeutic protocols or use the manual mode for advanced parameter settings.

9. Visi aplikatoriai yra FMF (fokusuoto lauko technologijos) užtikrina maksimalų operatoriaus saugumą

Accessories for BTL-4000 SMART / PREMIUM



17.1. Dviejų diskų aplikatorius



17.2. 30 cm diametro solenoidas

17.3. Kušėtė su solenoidu



## BTL-4000 PREMIUM

- QUICK protocols
- Body Parts navigation
- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database
- Up to 4-channel magnetotherapy units

2./3. 7 colių spalvotas jutimasis ekranas

3.

7. Paciento duomenų bazė



# BTL-4000 SMART

- 4.3" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Up to 4-channel magnetotherapy units

## FEATURES & BENEFITS OF THE BTL-4000 MAGNETOTHERAPY

- 9. **Focused Magnetic Field (FMF) Technology™** 9. Fokusuoto magnetinio lauko technologija
  - Pulsed Magnetic Field (PMF) - rectangular, exponential, sine and triangular pulses
  - User-defined series of magnetic pulses
  - Comfortable and lightweight applicators
- 17.4. **Trolley\*** 17.4. Vežimėlis

\*optional

## TECHNICAL SPECIFICATIONS OF THE BTL-4000 MAGNETOTHERAPY

MODEL	BTL-4920 SMART	BTL-4940 SMART	BTL-4920 PREMIUM	BTL-4940 PREMIUM
Part number	P2920.401	P2940.401	P2920.701	P2940.701
Display	4.3"	4,3"	7"	7"
Knob			•	•
QUICK protocols			•	•
8. <b>Body Parts Navigation</b> 8. Navigacija kūno dalimis			•	•
Patient database	1. Kanalų skaičius -2		•	•
1. <b>Number of output channels</b>	2	4	2	4
Maximum intensity of magnetic field	128 mT	128 mT	128 mT	128 mT
Frequency range	0-166 Hz	0-166 Hz	0-166 Hz	0-166 Hz
Dimensions	380 × 190 × 260 mm			
Weight	Max. 3 kg			
Mains supply	100-240 V/AC, 50-60 Hz			
Standard accessories	Adapter, manual			

### Optional accessories

Part number P5900.001	Disc applicator
Part number P5900.002	Double disc applicator
Part number P5900.003	Multi disc applicator
Part number P5900.004	Linear applicator
Part number P5900.005	Solenoid 30 cm
Part number P5900.006	Solenoid 60 cm
Part number P5900.013	Applicator ring

17.3. Part number P5900.017	Couch with magnetotherapy applicator (Solenoid 70 cm)
Part number P5900.014	Belt for magnetic applicator (disc) 60 cm
Part number P5900.015	Belt for magnetic applicator (double disc) 85 cm
Part number P5900.016	Belt for magnetic applicator (multi disc) 190 cm
Part number P5900.007	Extension cable for magnetic applicators
Part number P2000.006	Carry bag

### 17.3. Kušetė su aplikatoriumi -solenoidu 70 cm

# THREE THERAPIES IN A SINGLE UNIT



ELECTROTHERAPY  
ULTRASOUND  
LASER  
MAGNETOTHERAPY



# COMBINED UNITS

## ELECTROTHERAPY

## ULTRASOUND

## LASER

### BTL-4000 PREMIUM

- Three therapies in a single unit
- HandsFree Sono™ applicator\*
- QUICK protocols
- Body Parts navigation
- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database
- Portable and battery-operated\*

### FEATURES & BENEFITS OF THE BTL-4000 COMBINED UNITS

- Two independent electrotherapy channels
- Wide spectrum of waveforms
- Vacuum unit\*
- Large selection of laser therapy applicators

\*optional



Accessories for BTL-4000 PREMIUM



MODEL	Electrotherapy	Ultrasound	Laser	Extended waveforms	Part number
BTL-4820SL PREMIUM	•	•	•		P2820.781
BTL-4825SL PREMIUM	•	•	•	•	P2825.781

# COMBINED UNITS

## ELECTROTHERAPY

## ULTRASOUND

### BTL-4000 PREMIUM

- HandsFree Sono™ applicator\*
- QUICK protocols
- Body Parts navigation
- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database
- Portable and battery-operated\*

### BTL-4000 SMART

- HandsFree Sono™ applicator\*
- 4.3" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Portable and battery-operated\*

### FEATURES & BENEFITS OF THE BTL-4000 COMBINED UNITS

- Two independent electrotherapy channels
- Wide spectrum of waveforms
- Vacuum unit\*

\*optional



Accessories for BTL-4000 SMART / PREMIUM



MODEL	Electrotherapy	Ultrasound	Extended waveforms	Part number
BTL-4820S SMART	•	•		P2820.471
BTL-4825S SMART	•	•	•	P2825.471
BTL-4820S PREMIUM	•	•		P2820.771
BTL-4825S PREMIUM	•	•	•	P2825.771

# COMBINED UNITS

## ELECTROTHERAPY

## LASER

### BTL-4000 SMART

- 4.3" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Portable and battery-operated\*

### FEATURES & BENEFITS OF THE COMBINED UNITS

- Two independent electrotherapy channels
- Wide spectrum of waveforms
- Vacuum unit\*
- Large selection of laser therapy applicators

\*optional



Accessories for BTL-4000 SMART



MODEL	Electrotherapy	Laser	Extended waveforms	Part number
BTL-4820L SMART	•	•		P2820.481
BTL-4825L SMART	•	•	•	P2825.481

# COMBINED UNITS

## ELECTROTHERAPY

## MAGNETOTHERAPY

### BTL-4000 PREMIUM

- QUICK protocols
- Body Parts navigation
- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database
- Portable

### BTL-4000 SMART

- 4.3" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Portable

### FEATURES & BENEFITS OF THE BTL-4000 COMBINED UNITS

- Two independent electrotherapy channels
- Wide spectrum of waveforms
- Vacuum unit\*
- Large selection of magnetotherapy applicators

\*optional



Accessories for BTL-4000 SMART / PREMIUM



MODEL	Electrotherapy	Magnetotherapy	Extended waveforms	Magnetotherapy channels	Part number
BTL-4825M2 SMART	•	•	•	2	P2825.452
BTL-4825M2 PREMIUM	•	•	•	2	P2825.752

# COMBINED UNITS

## ULTRASOUND

## LASER

### BTL-4000 SMART

- 4.3" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Portable and battery-operated\*

### FEATURES AND BENEFITS OF THE BTL-4000 UNIT

- HandsFree Sono™ applicator\*
- Heated ultrasound heads
- Simultaneous treatment with 1 and 3 MHz
- Large selection of laser therapy applicators
- Automatic recalculation of therapy parameters
- Preset protocols for laser acupuncture

\*optional



Accessories for BTL-4000 SMART / PREMIUM



MODEL

Ultrasound

Laser

Part  
number

BTL-4800SL SMART

•

•

P2800.400v103

# COMBINED UNITS

## LASER

## MAGNETOTHERAPY

### BTL-4000 PREMIUM

- QUICK protocols
- Body Parts navigation
- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database
- Portable

### BTL-4000 SMART

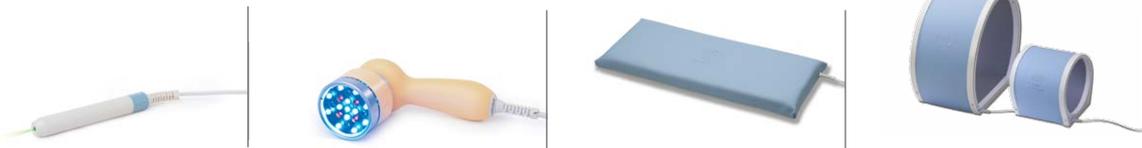
- 4,3" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Portable

### FEATURES AND BENEFITS OF THE BTL-4000 UNITS

- Large selection of laser therapy applicators
- Automatic recalculation of therapy parameters
- Preset protocols for laser acupuncture
- Lightweight magnetotherapy applicators
- Focused Magnetic Field (FMF) Technology™



Accessories for BTL-4000 SMART / PREMIUM



MODEL	Laser	Magnetotherapy	Magnetotherapy channels	Part number
BTL-4800LM2 SMART	•	•	2	P2800.451
BTL-4800LM2 PREMIUM	•	•	2	P2800.751

# THE NEW VACUUM UNIT AND THE TROLLEY

Combine the new BTL-Vac II unit with the BTL-4000 Smart or BTL-4000 Premium to apply electrotherapy current by means of suction-cup electrodes.

## FEATURES & BENEFITS OF THE VACUUM UNIT

- Vacuum unit integrated with trolley
- Two independent outputs
- Continuous and pulsed mode
- Seven levels of vacuum intensity
- Four pulsed modes and one continuous mode

## TECHNICAL SPECIFICATIONS OF THE TROLLEY

PART NUMBER	P2000.001
Dimension	960 × 620 × 570 mm
Weight	11,9 kg
Number of drawers	6



## TECHNICAL SPECIFICATIONS OF THE VACUUM UNIT

PART NUMBER	PVAC.200
Number of outputs	2
Mode	Continuous and pulsed
Pulse frequency	5, 10, 15, 20 pulses / minute
Vacuum intensity	7
Dimensions	250 × 130 × 209 mm
Weight	1,9 kg
Mains supply	100-240 V/AC, 50-60 Hz
Standard accessories	4× interface cable for electrotherapy, 2× electrode connection cable, sponges, 2× vacuum electrode connection cable, 4× vacuum electrode 60 mm, adapter

### Optional accessories

Part number PVAC.201	BTL-Vac II with Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series	Part number PVAC.202	Vacuum electrode connection cable for BTL-Vac II, for channel 1, light grey
Part number PVAC.001	Vacuum unit VAC I (old generation)	Part number PVAC.203	Vacuum electrode connection cable for BTL-Vac II, for channel 2, dark grey
Part number P2000.002	Holder for gel	Part number PVAC.206	Adapter for BTL-Vac II
Part number P2000.007	Ultrasound/Laser applicator holder	Part number PVAC.204	Cable for interconnection of BTL-4000 Smart/Premium electrotherapy units to BTL-Vac II, 2 pcs.
Part number P2000.008	HandsFree Sono holder	Part number PVAC.205	Cable for interconnection of BTL-5000 electrotherapy units to BTL-Vac II, 2 pcs.
Part number PVAC.053	Vacuum electrode 30 mm	Part number L449.013	Holder for laser cluster and laser probe with adapter for plastic trolley
Part number P012.006	Vacuum electrode 60 mm		
Part number P012.005	Vacuum electrode 90 mm		
Part number PVAC.052	Sponge for vacuum electrode 30 mm		
Part number P012.008	Sponge for vacuum electrode 60 mm		
Part number P012.007	Sponge for vacuum electrode 90 mm		

Note: The new BTL VAC II unit can only be used in a combination with the trolley P2000.001



