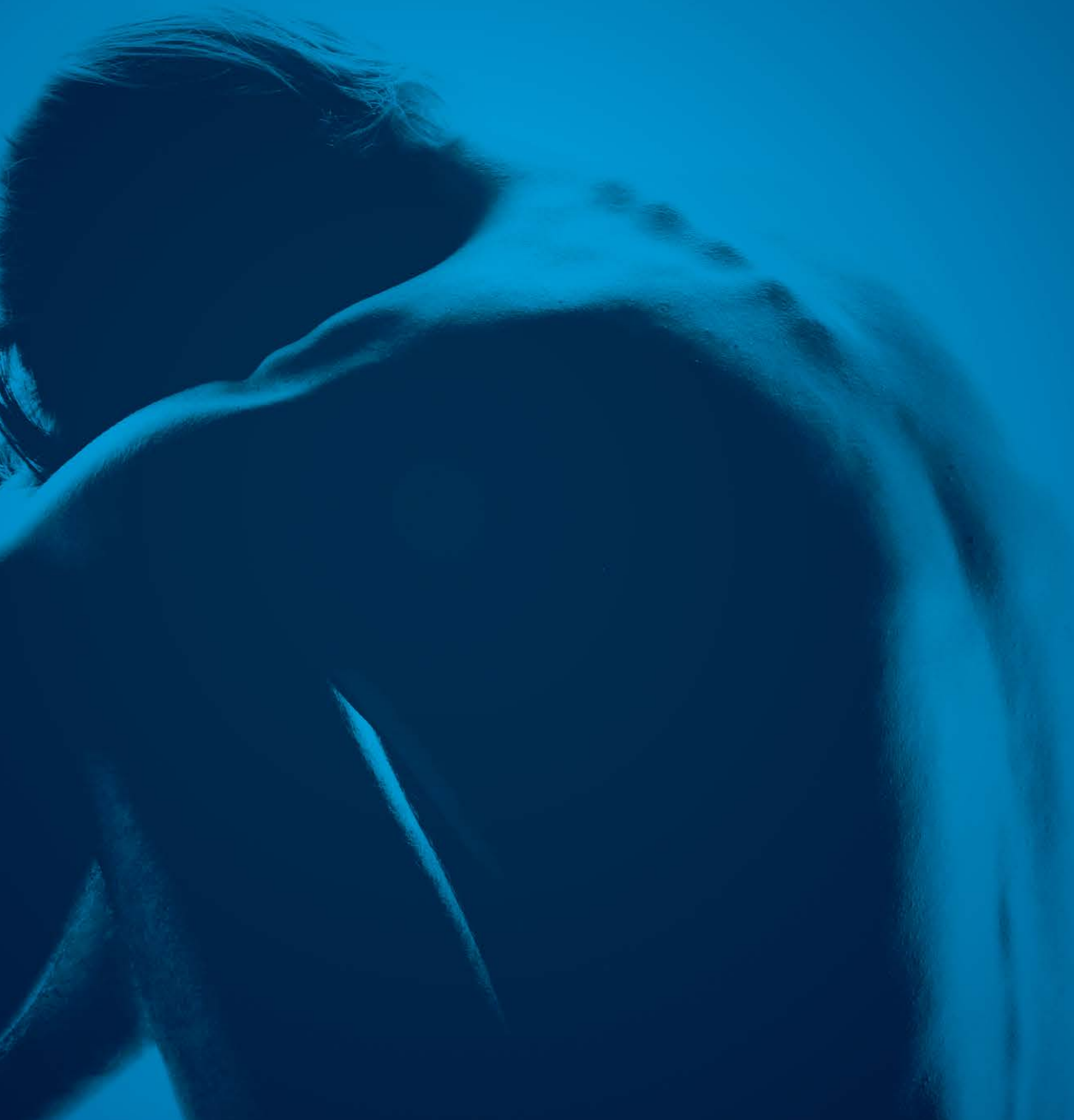




ESSENTIAL
PHYSIOTHERAPY
SOLUTIONS





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ESSENTIAL PHYSIOTHERAPY SOLUTIONS

CONTENT

BTL-5000 Series	2
Main features	4
BTL-4000 Smart & Premium	6
Main features	8
BTL-4000 Professional	10
Main features	11
Electrotherapy	12
BTL-5000 Series	14
BTL-4000 Smart & Premium	16
BTL-4000 Professional	18
Ultrasound	22
BTL-5000 Series	24
BTL-4000 Smart & Premium	26
HandsFree Sono®	28
BTL-4000 Professional	30
Clinical background	31
Laser therapy	32
BTL-5000 Series	34
BTL-4000 Smart & Premium	36
BTL-4000 Professional	38
Clinical background	39
Applicators	40
Magnetotherapy	42
BTL-5000 Series	44
BTL-4000 Smart & Premium	46
BTL-4000 Professional	48
Clinical background	49
Combined units	50
BTL-5000 Series	54
BTL-4000 Smart & Premium	58
BTL-4000 Professional	62
BTL-6000 Lymphastim	64
Main features	65
Product features	66
Applicators	68
Shortwave diathermy	70
Main features	71
Product features	72
Microwave diathermy	74
Main features	75
Therapy and examination couches	76
Main features	77
Traction therapy	78
Main features	79
Traction couches	80

BTL-5000 SERIES

UNIQUE MODULAR SYSTEM



BTL-5000 SERIES

The BTL-5000 Series is a state-of-the-art technology that incorporates electrotherapy, ultrasound, laser and magnetotherapy modalities into a single device. The unique modular system, embedded in the BTL-5000, saves money on your capital investment. Select the modalities your currently need, and, as your practice needs grow, upgrade your BTL-5000 with other modalities.

MODULAR SYSTEM

- Combine up to four therapies in a single unit:

ELECTROTHERAPY

ULTRASOUND

LASER

MAGNETOTHERAPY

- Upgrade your device at a later time
- Save on your initial investment



FULL RANGE OF APPLICATORS AND ACCESSORIES

- Ergonomically designed ultrasound heads
- Large selection of laser probes and clusters for wide range of treatments
- Powerful magnetotherapy applicators
- Vacuum unit
- Trolley

PATIENT 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

THERAPEUTICAL PROTOCOLS

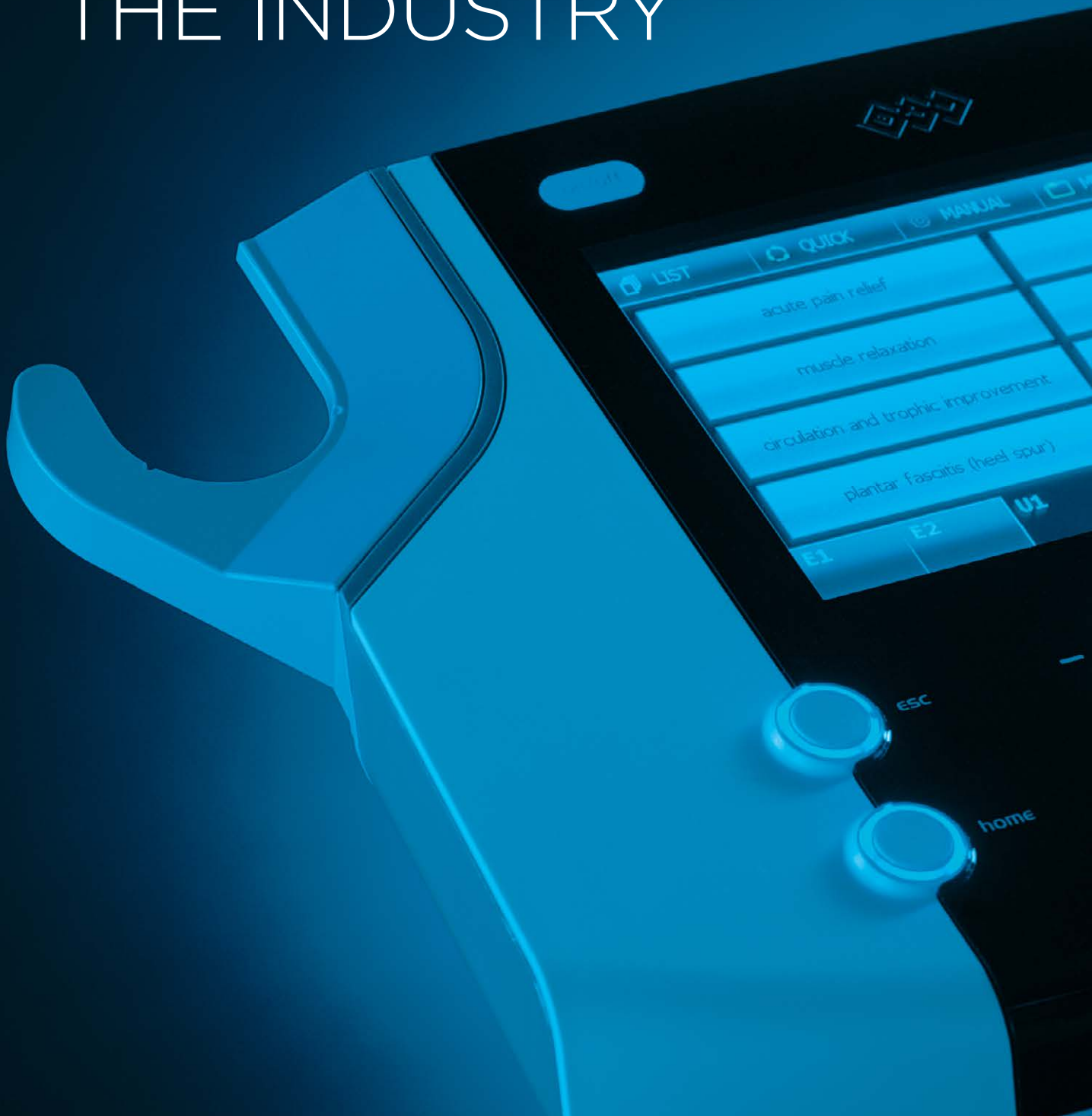
- Wide library of preset protocols for easy and effective application
- Full-colour encyclopaedia with anatomical images
- Description of therapies and positioning of applicators for treatment protocols



BTL-4000

SMART & PREMIUM

THE MOST ADVANCED TECHNOLOGY IN THE INDUSTRY





THE NEW BTL-4000

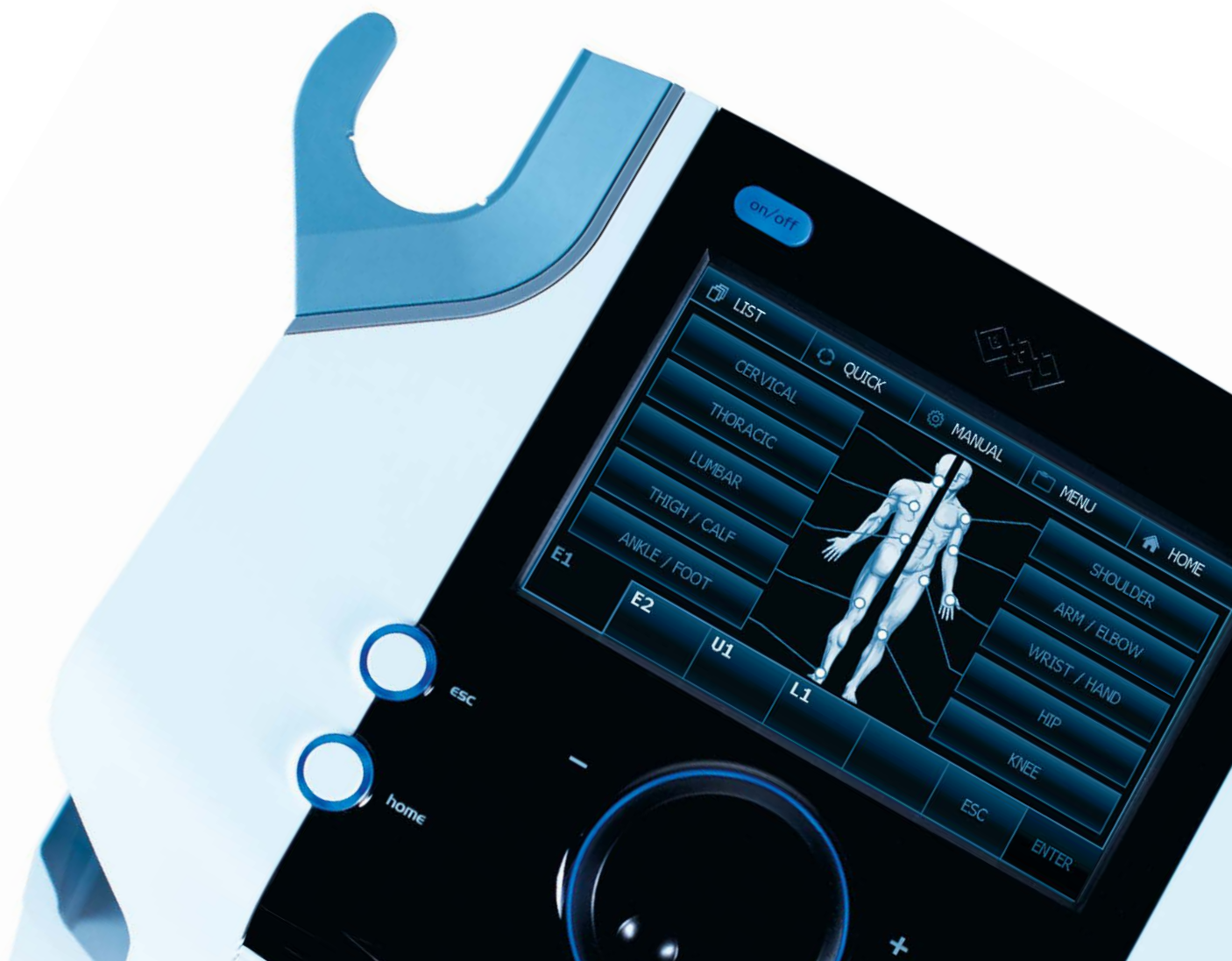
SMART & PREMIUM

The all new BTL-4000 is highly advanced physiotherapy system that includes all four physiotherapy modalities: electrotherapy, ultrasound, laser and magnetotherapy. The outstanding parameters and exceptionally wide range of applicators and accessories make this system an ideal choice for any modern office. The revolutionary HandsFree Sono® is the only of its kind: an operator independent applicator saves the therapists' time and reduces their fatigue while making the therapy more effective.

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

EASY OPERATION

- Start the therapy with a single touch
- Select up to eight QUICK protocols for each therapy
- Large colour touch screen provides clear visualization of all important information
- The screen is available in two sizes: 7" for the **BTL-4000 Premium** or 4.3" for the **BTL-4000 Smart**



NAVIGATION THROUGH BODY PARTS

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

FULL RANGE OF APPLICATORS AND ACCESSORIES

- Time-saving HandsFree Sono® applicator
- Ergonomically designed, heated ultrasound heads
- Large selection of laser probes and clusters for wide range of treatments
- Powerful magnetotherapy applicators
- New built-in vacuum unit
- Well-designed durable trolley for everyday use

PATIENT 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

THERAPEUTICAL PROTOCOLS

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

PORTABILITY AND BATTERY OPERATION

- Easy manipulation
- Lightweight battery-operated devices



BTL-4000 PROFESSIONAL COST EFFECTIVE SOLUTION



BTL-4000 PROFESSIONAL

Maintaining a full variety of functions, the BTL-4000 Professional provides an economical concept for electrotherapy, ultrasound, laser and magnetotherapy.

PORTABILITY AND BATTERY OPERATION

- Easy manipulation
- Lightweight battery-operated devices

TWO DISPLAYS

- Graphic display
- Digital display to depict time and intensity

FULL RANGE OF APPLICATORS AND ACCESSORIES

- Ergonomically designed ultrasound heads
- Large selection of laser probes and clusters for a wide range of treatments
- Powerful magnetotherapy applicators
- Vacuum unit
- Trolley

THERAPEUTICAL PROTOCOLS

- Extensive library of preset protocols for easy and effective application



ELECTROTHERAPY



COMPREHENSIVE RANGE OF THERAPY OPTIONS



ELECTROTHERAPY

BTL-5000 SERIES

The BTL-5000 Series offers up to four-channel electrotherapy units including a full range of low and medium frequency waveforms and their modifications. The unique Modular System enables you to upgrade the BTL-5000 electrotherapy with other modalities, as your office needs grow.

Accessories for BTL-5000 Puls



Rubber electrodes



Vacuum electrodes



Adhesive electrodes



BTL-5625 PULS

- 2 independent electrotherapy channels
- Large 8.4" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database



BTL-5645 PULS

- 4 independent electrotherapy channels
- Large 8.4" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database

FEATURES & BENEFITS OF THE BTL-5000 PULS

- Available for later upgrade
- Full range of low and medium frequency waveforms and their modifications
- Programmable sequences
- High Voltage therapy*
- Constant Current and Constant Voltage modes
- Suitable for combination therapy (simultaneous ultrasound and electrotherapy)
- Connection to the vacuum unit*
- Trolley*

*optional

Accessories

Part number P5600.007	Electrode 7 × 5 cm-2 mm input, 1 pc.	Part number P5600.015	Ball-point attachment for BTL-4000/5000-6 mm in diameter
Part number P5600.008	Electrode 12 × 8 cm-2 mm input, 1 pc.	Part number P5600.001	Patient cable for electrotherapy BTL-5000/4000 Professional
Part number P006.014	Sponge cover for electrodes 7 × 5 cm, 1 pc.	Part number P5600.002	Dual patient cable for electrotherapy BTL-5000/4000 Professional
Part number P006.016	Sponge cover for electrodes 12 × 8 cm, 1 pc.	Part number P5600.003	1 pair of electrode connection cables for electrotherapy BTL-5000/4000 Professional, light grey, 1.2m
Part number P5600.023	Adhesive electrodes 75 × 140 mm, nonwoven (4 per package)	Part number P5600.004	1 pair of electrode connection cables for electrotherapy BTL-5000/4000 Professional, dark grey, 1.2m
Part number P5600.026	Adhesive electrodes 32 mm, nonwoven (4 per package)	Part number P5600.024	Set of fixation straps for electrodes, 4 pairs (1 pair long, 1 pair middle sized, 2 pairs short)
Part number P5600.027	Adhesive electrodes 50 mm, nonwoven (4 per package)	Part number P5600.013	Holder for ball-point electrode for BTL-4000/5000
Part number P5600.028	Adhesive electrodes 40 × 40 mm, foam (4 per package)	Part number P5000.060	Colour version of BTL-5000 with TFT 8.4" touch screen
Part number P5600.029	Adhesive electrodes 50 × 50 mm, foam (4 per package)	Part number P5600.017	High-voltage therapy (HVT) set for BTL-5000
Part number P5600.010	Bipolar vaginal electrode		
Part number P5600.011	Bipolar rectal electrode		
Part number P5600.014	Ball-point attachment for BTL-4000/5000-2 mm in diameter		
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series		

ELECTROTHERAPY

BTL-4000

SMART & PREMIUM

The new BTL-4000 Smart and the BTL-4000 Premium present the best in electrotherapy. The 2-channel systems offer the largest selection of waveforms available on the market. The devices feature many advanced and very practical functions, such as the fast therapy option called the QUICK protocols. The easy-to-use navigation allows you to perform the therapy using the body parts treated; all of them clearly depicted on the large colour touch screen.

Accessories for BTL-4000 Smart & Premium



Rubber electrodes



Vacuum electrodes



Adhesive electrodes



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 AND BENEFITS OF THE BTL-4000 SMART & PREMIUM ELECTROTHERAPY

- The largest range of waveforms available on the market
- Protocols organized by the required therapy effect
- Programmable sequences
- High Voltage therapy
- Constant Current and Constant Voltage modes
- Suitable for combination therapy (simultaneous ultrasound and electrotherapy)
- Connection to the vacuum unit*
- Trolley*

*optional

Accessories

Part number P5600.007	Electrode 7 × 5 cm-2 mm input, 1 pc.	Part number P5600.015	Ball-point attachment for BTL-4000/5000-6 mm in diameter
Part number P5600.008	Electrode 12 × 8 cm-2 mm input, 1 pc.	Part number P2600.002	Electrode connection cable for electrotherapy BTL-4000 Smart/Premium, for channel 1, light grey
Part number P006.014	Sponge cover for electrodes 7 × 5 cm, 1 pc.	Part number P2600.003	Electrode connection cable for electrotherapy BTL-4000 Smart/Premium, for channel 2, dark grey
Part number P006.016	Sponge cover for electrodes 12 × 8 cm, 1 pc.	Part number P5600.024	Set of fixation straps for electrodes, 4 pairs (1 pair long, 1 pair middle sized, 2 pairs short)
Part number P5600.023	Adhesive electrodes 75 × 140 mm, nonwoven (4 per package)	Part number P5600.013	Holder for ball-point electrode for BTL-4000/5000
Part number P5600.026	Adhesive electrodes 32 mm, nonwoven (4 per package)	Part number P2000.005	Battery pack
Part number P5600.027	Adhesive electrodes 50 mm, nonwoven (4 per package)	Part number P2000.006	Carry bag
Part number P5600.028	Adhesive electrodes 40 × 40 mm, foam (4 per package)	Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series
Part number P5600.029	Adhesive electrodes 50 × 50 mm, foam (4 per package)		
Part number P5600.010	Bipolar vaginal electrode		
Part number P5600.011	Bipolar rectal electrode		
Part number P5600.014	Ball-point attachment for BTL-4000/5000-2 mm in diameter		

ELECTROTHERAPY

BTL-4000

PROFESSIONAL



BTL-4625 PROFESSIONAL PULS

- 2 independent electrotherapy channels
- Graphic and digital display
- Preset protocols
- Portable and battery-operated

Accessories

Part number P5600.007	Electrode 7 × 5 cm-2 mm input, 1 pc.	Part number P5600.015	Ball-point attachment for BTL-4000/5000-6 mm in diameter
Part number P5600.008	Electrode 12 × 8 cm-2 mm input, 1 pc.	Part number P5600.001	Patient cable for electrotherapy
Part number P006.014	Sponge cover for electrodes 7 × 5 cm, 1 pc.	Part number P5600.002	Dual patient cable for electrotherapy BTL-5000/4000 Professional
Part number P006.016	Sponge cover for electrodes 12 × 8 cm, 1 pc.	Part number P5600.003	1 pair of electrode connection cables for electrotherapy BTL-5000/4000 Professional, light grey, 1.2 m
Part number P5600.023	Adhesive electrodes 75 × 140 mm, nonwoven (4 per package)	Part number P5600.004	1 pair of electrode connection cables for electrotherapy BTL-5000/4000 Professional, dark grey, 1.2 m
Part number P5600.026	Adhesive electrodes 32 mm, nonwoven (4 per package)	Part number P5600.024	Set of fixation straps for electrodes, 4 pairs (1 pair long, 1 pair middle sized, 2 pairs short)
Part number P5600.027	Adhesive electrodes 50 mm, nonwoven (4 per package)	Part number P5600.013	Holder for ball-point electrode for BTL-4000/5000
Part number P5600.028	Adhesive electrodes 40 × 40 mm, foam (4 per package)	Part number P4000.005	Carry bag
Part number P5600.029	Adhesive electrodes 50 × 50 mm, foam (4 per package)	Part number P5002.012	Trolley for BTL-4000
Part number P5600.010	Bipolar vaginal electrode		
Part number P5600.011	Bipolar rectal electrode		
Part number P5600.014	Ball-point attachment for BTL-4000/5000-2 mm in diameter		

ELECTROTHERAPY

VACUUM UNITS

VACUUM UNIT OF THE SECOND GENERATION

MODEL	BTL-Vac II
Part number	PVAC.200
Number of outputs	2
Modes of operation	Continuous and pulsed
Pulse frequency	5, 10, 15, 20 pulses/minute
Dimensions	250 × 130 × 209 mm
Weight	1.9 kg
Mains supply	100-240 V, 50-60 Hz



VACUUM UNIT OF THE FIRST GENERATION

MODEL	BTL-Vac
Part number	PVAC.001
Number of outputs	2
Modes of operation	Continuous and pulsed
Pulse frequency	15, 30, 45, 60 pulses/minute
Dimensions	320 × 115 × 305 mm
Weight	6.8 kg
Mains supply	230 V, 50-60 Hz, 115 V, 50-60 Hz



Accessories

Part number PVAC.201	BTL-Vac II with Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series	Part number PVAC.051	Patient cable for BTL Vac, white cable
Part number PVAC.053	Vacuum electrode 30 mm	Part number PVAC.054	Water tank for BTL Vac
Part number P012.006	Vacuum electrode 60 mm	Part number PVAC.202	Vacuum electrode connection cable for BTL-Vac II, for channel 1, light grey
Part number P012.005	Vacuum electrode 90 mm	Part number PVAC.203	Vacuum electrode connection cable for BTL-Vac II, for channel 2, dark grey
Part number PVAC.052	Sponge for vacuum electrode 30 mm	Part number PVAC.204	Cable for interconnection of BTL-4000 Smart/Premium electrotherapy units to BTL-Vac II, 2 pcs.
Part number P012.008	Sponge for vacuum electrode 60 mm	Part number PVAC.205	Cable for interconnection of BTL-5000 electrotherapy units to BTL-Vac II, 2 pcs.
Part number P012.007	Sponge for vacuum electrode 90 mm	Part number P5002.012	Trolley for BTL-4000
Part number PVAC.202	Vacuum electrode connection cable for BTL-Vac II, for channel 1, light grey		
Part number PVAC.050	Patient cable for BTL Vac, grey cable		

TECHNICAL SPECIFICATIONS OF THE ELECTROTHERAPY UNITS

MODEL	BTL-5620 PULS	BTL-5625 PULS	BTL-5640 PULS	BTL-5645 PULS	BTL-4620 PREMIUM
Part number	P5620.101	P5625.101	P5640.103	P5645.103	P2620.701
Display	8.4"/5.7"	8.4"/5.7"	8.4"/5.7"	8.4"/5.7"	7"
QUICK protocols					•
Body Part navigation					•
Patient database	•	•	•	•	•
Electrotherapy channels	2	2	4	4	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	optional	optional			
IG pulses					
Modulated pulsed current					
VMS current					
Kotz current					
EPIR					
Dimensions	230 × 390 × 260 mm				80 × 190 × 260 mm
Weight	4.7-5.3 kg				Max. 3 kg
Mains supply	230 V, 50-60 Hz, 115 V, 50-60 Hz				100-240 V, 50-60 Hz

Waveforms in combined units BTL-5000 Series, BTL-4000 Smart & Premium, BTL-4000 Professional

BTL-5816SLM COMBI waveforms identical to BTL-5640 PULS
 BTL-5818SLM COMBI waveforms identical to BTL-5645 PULS
 BTL-5820SL COMBI waveforms identical to BTL-5620 PULS
 BTL-5825SL COMBI waveforms identical to BTL-5625 PULS
 BTL-5820S COMBI waveforms identical to BTL-5620 PULS
 BTL-5825S COMBI waveforms identical to BTL-5625 PULS
 BTL-5825L COMBI waveforms identical to BTL-5625 PULS
 BTL-5825M2 COMBI waveforms identical to BTL-5625 PULS

BTL-4820SL PREMIUM waveforms identical to BTL-4620 PREMIUM
 BTL-4825SL PREMIUM waveforms identical to BTL-4625 PREMIUM
 BTL-4820S SMART waveforms identical to BTL-4620 SMART
 BTL-4825S SMART waveforms identical to BTL-4625 SMART
 BTL-4820S PREMIUM waveforms identical to BTL-4620 PREMIUM
 BTL-4825S PREMIUM waveforms identical to BTL-4625 PREMIUM
 BTL-4820L SMART waveforms identical to BTL-4620 SMART
 BTL-4825L SMART waveforms identical to BTL-4625 SMART

[illegible]

BTL-4825M2 SMART waveforms identical to BTL-4625 SMART
BTL-4825M2 PREMIUM waveforms identical to BTL-4625 PREMIUM

ELECTROTHERAPY 21

ULTRASOUND



A BREAKTHROUGH IN ULTRASOUND THERAPY



ULTRASOUND

BTL-5000 SERIES

The BTL-5000 Series ultrasound features up to two independent ultrasound channels. The multi-frequency ultrasound heads are supplied in two sizes, and are equipped with visual and acoustic contact control. The ergonomic shape of the heads increases operators' comfort during the therapy.

Accessories for BTL-5000 Sono



Ultrasound head 5 cm²



Ultrasound head 1 cm²



BTL-5710 SONO

- 1-channel ultrasound
- Simultaneous connection of 2 ultrasound heads
- Large 8.4" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database



BTL-5720 SONO

- 2-channel ultrasound
- Simultaneous connection of 4 ultrasound heads
- Large 8.4" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database

FEATURES & BENEFITS OF THE BTL-5000 SONO

- Available for later upgrade
- Suitable for combination therapy (simultaneous ultrasound and electrotherapy)
- Ergonomic heads with visual accessories identification/visual patient contact indicator
- Multi-frequency applicators: 1 and 3 MHz available
- Trolley*

* optional

TECHNICAL SPECIFICATIONS BTL-5000 SONO

Model	BTL-5720 SONO	BTL-5710 SONO
Part number	P5720.102	P5710.102
Display	8.4" / 5.7"	8.4" / 5.7"
Patient database	•	•
Number of independent channels	2	1
Number of heads simultaneously connected	4	2
Modular frequency	10-150 Hz	10-150 Hz
Duty factor	5-100 %	5-100 %
Max. intensity in continuous mode	2 W / cm ²	2 W / cm ²
Max. intensity in pulsed mode	3 W / cm ²	3 W / cm ²
Dimensions	380 × 190 × 260 mm	
Weight	4.7-5.3 kg	
Mains supply	100-230 V, 50-60 Hz	
Standard accessories	Ultrasound head 5 cm ² , gel 300 ml, mains power cable, manual	

Accessories

Part number P5700.001	Ultrasound head 1cm ² for BTL-4000 / 5000
Part number P5700.002	Ultrasound head 5cm ² for BTL-4000 / 5000
Part number P007.010	Ultrasound gel 300 ml
Part number P007.011	Ultrasound gel 1 l
Part number P2000.002	Holder for ultrasound gel for Plastic trolley

Part number P5000.060	Colour version of BTL-5000 with TFT 8.4" touch screen
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series
Part number P2000.007	Ultrasound/Laser applicator holder for Plastic trolley

ULTRASOUND

BTL-4000

SMART & PREMIUM

The BTL-4000 Smart & Premium feature unique operator independent ultrasound system. The HandsFree Sono® saves operator's time while making the ultrasound therapy substantially more effective. This makes, together with other advanced features, the BTL-4000 Smart & Premium the most advanced systems in the industry.

Accessories for BTL-4000 Smart & Premium



HandsFree Sono 6



HandsFree Sono 4



Ultrasound head 5 cm²



Ultrasound head 1 cm²



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 AND BENEFITS OF THE BTL-4000 SMART & PREMIUM ULTRASOUND

- Saving operator's time and effort with HandsFree Sono®
- Suitable for combination therapy (simultaneous ultrasound and electrotherapy)
- 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 SMART & PREMIUM ULTRASOUND

Model	BTL-4710 SMART	BTL-4710 PREMIUM
Part number	P2710.401	P2710.701
Display	4.3"	7"
QUICK protocols		•
Body Parts 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	5-95 %	5-95 %
Max. intensity in continuous mode	2 W / cm ²	2 W / cm ²
Max. intensity in pulsed mode	3 W / cm ²	3 W / cm ²
Dimensions	380 × 190 × 260 mm	
Weight	Max. 3 kg	
Mains supply	100-240 V, 50-60 Hz	
Standard accessories	Ultrasound head 5 cm ² , gel 300 ml, adapter, manual	

Accessories

Part number P2700.004	HandsFree Sono 6 crystals (including 3 fixation straps)	Part number P007.010	Ultrasound gel 300 ml
Part number P2700.003	HandsFree Sono 4 crystals (including 3 fixation straps)	Part number P2000.005	Battery pack
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series	Part number P2000.005	Carry bag
Part number P2700.002	Ultrasound head 5 cm ²	Part number P2700.008	Plastic holder for HandsFree Sono
Part number P2700.001	Ultrasound head 1 cm ²	Part number P2000.002	Holder for ultrasound gel for Plastic trolley
Part number P007.011	Ultrasound gel 1 l	Part number P2000.007	Ultrasound/Laser applicator holder for Plastic trolley
		Part number P2000.008	HF sono holder for Plastic trolley

HANDSFREE SONO®

THE ONLY OPERATOR INDEPENDENT APPLICATOR

FOR BTL-4000 SMART AND THE BTL-4000 PREMIUM

The BTL HandsFree Sono® features the unique Rotary Field Technology. BTL has designed the first ultrasound applicator on the market that 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's 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 real time processor unit. The real time processor activates the individual crystals according to preset parameters.

The Rotating Field is created through the sequential activation of the 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, typical of some stationary ultrasound technologies.

MAXIMUM FLEXIBILITY FOR ALL TREATMENT POSITIONS



FEATURES AND BENEFITS OF THE BTL HANDSFREE SONO®

- Saves 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 cm² with six crystals and 12 cm² with four crystals

ULTRASOUND

BTL-4000 PROFESSIONAL



BTL-4710 PROFESSIONAL SONO

- 1-channel ultrasound
- Simultaneous connection of 2 ultrasound heads
- Graphic and digital display
- Preset protocols
- Portable and battery-operated

TECHNICAL SPECIFICATIONS OF THE BTL-4000 PROFESSIONAL SONO

Model	BTL-4710 PROFESSIONAL SONO
Part number	P4710.002
Display	3.2"
Number of independent channels	1
Number of heads simultaneously connected	2
Modular frequency	10-150 Hz
Duty factor	6.25 %, 12.5 %, 25 %, 50 %, 100 %
Max. intensity in continuous mode	2 W / cm ²
Max. intensity in pulsed mode	3 W / cm ²
Dimensions	160 × 140 × 350 mm
Weight	max. 3 kg
Mains supply	100-240 V, 50-60 Hz
Standard accessories	ultrasound head 5 cm ² , gel 300 ml, adapter, manual

Accessories

Part number P5700.001	Ultrasound head 1cm ² for BTL-4000 / 5000	Part number P007.010	Ultrasound gel 300 ml
Part number P5700.002	Ultrasound head 5cm ² for BTL-4000 / 5000	Part number P007.011	Ultrasound gel 1l
		Part number P4000.005	Carry bag
		Part number P5002.012	Trolley for BTL-4000

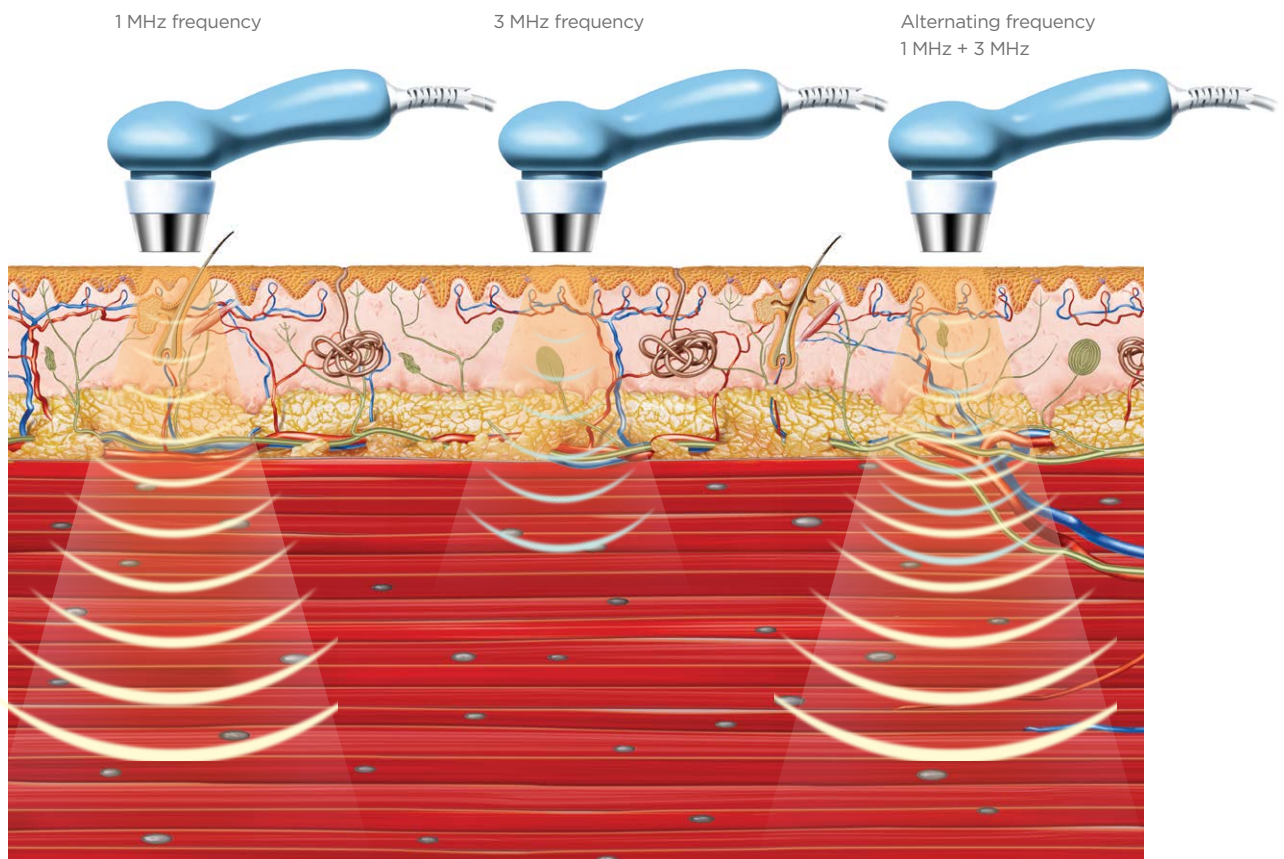
ULTRASOUND

CLINICAL BACKGROUND

Generally, ultrasound is a mechanical wave generated by oscillations of a crystal placed in the ultrasound applicator. The oscillations are transferred from the applicator to the body surface and deeper into the tissue using a contact means, such as gel. The main effects include tissue heating and in-depth micro massage.

The ultrasound frequency can be selected based on the targeted tissue. The 1 MHz frequency is typically used to treat deeper injuries while the 3MHz frequency is ideal for the treatment of superficial tissues.

The BTL-4000 Smart & Premium enable alternating frequency treatment. When using the alternating frequency, the systems automatically change the frequency from 1 to 3 MHz in preset intervals.



LASER THERAPY



THE MOST POWERFUL APPLICATORS FOR PAIN MANAGEMENT AND REGENERATION



LASER THERAPY

BTL-5000 SERIES

The BTL-5000 Series offers a wide range of infrared and red probes and clusters for laser therapy. All the therapy parameters can be easily set on the colour touch screen of the device. Based on detailed research and practical use of the unit, well organised preset protocols offer various therapy recommendations. The unit also includes free file folders to define your own protocols. The wide variability of functions and applicators offers limitless possibilities for practitioners.

Accessories for BTL-5000 Laser



Laser clusters



Infrared laser probes



Red laser probes



BTL-5110 LASER

- 1-channel laser
- Simultaneous connection of 2 applicators
- Large 8.4" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database

FEATURES & BENEFITS OF THE BTL-5000 LASER

- Available for later upgrade
- Two outputs for simultaneous connection of two laser applicators
- Wide range of red, infrared and combined laser probes and clusters
- Continuous and pulsed therapy options
- Automatic recalculation of therapy parameters
- Laser acupuncture and Nogier frequencies
- Trolley*

*optional

TECHNICAL SPECIFICATIONS OF THE BTL-5000 LASER

Model	BTL-5110 LASER
Part number	P5110.102V100
Display	8.4" / 5.7"
Patient database	•
Number of independent channels	1
Number of applicators simultaneously connected	2
Modes of operation	Continuous and pulsed
Dosage	Fine 0.1-99.0 J / cm ²
Frequency	0-10,000 Hz
Therapy area	0.1-50 cm ²
Duty factor	35-100%
Laser class	3B
Dimensions	230 × 390 × 260 mm
Weight	4.7-5.3. kg
Mains supply	230 V, 50-60 Hz, 115 V, 50-60 Hz
Standard accessories	mains power cable, manual

Accessories

Part number P5100.008	Safety eyewear, protection level L3 or higher, plastic	Part number L449.009	Optical attachment for gynaecology with rounded end
Part number L449.006	Optical attachment for dentistry	Part number L449.005	Holder for optical attachment
Part number L449.007	Optical attachment for ENT	Part number P5000.060	Colour version of BTL-5000 with TFT 8.4" touch screen
Part number P2000.001	Plastic trolley for BTL-4000	Part number P2000.007	Ultrasound/Laser applicator holder for Plastic trolley
Part number L449.008	Smart/Premium, BTL-5000 Series		
	Optical attachment for gynaecology		

LASER THERAPY

BTL-4000

SMART & PREMIUM

Both the BTL-4000 Smart and the BTL-4000 Premium Lasers have a wide spectrum of powerful applicators with two different wavelengths and adjustable intensity levels, allowing the operator to reach maximum treatment efficiency. The large database of preset protocols makes the use of the laser device easy and comfortable for advanced practitioners as well as for those new to the laser therapy.

Accessories for BTL-4000 Smart & Premium



Laser clusters



Infrared laser probes



Red laser probes



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 AND BENEFITS OF THE BTL-4000 SMART & PREMIUM LASER

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

*optional

TECHNICAL SPECIFICATIONS OF THE BTL-4000 SMART & PREMIUM LASER

Model	BTL-4110 SMART	BTL-4110 PREMIUM
Part number	P2110.401	P2110.701
Display	4.3"	7"
QUICK protocols		•
Body Parts navigation		•
Patient database		•
Number of applicators simultaneously connected	2	2
Modes of operation	Continuous and pulsed	Continuous and pulsed
Dosage	Fine 0.1-99.0 J / cm ²	Fine 0.1-99.0 J / cm ²
Frequency	0-10,000 Hz	0-10,000 Hz
Therapy area	0.1-50 cm ²	0.1-50 cm ²
Duty factor	35-100 %	35-100 %
Laser class	3B	3B
Dimensions	380 × 190 × 260 mm	
Weight	Max. 3 kg	
Mains supply	100-240 V, 50-60 Hz	
Standard accessories	Holder for laser probe, adapter, manual	

Accessories

Part number P5100.008	Safety eyewear, protection level L3 or higher, plastic	Part number L449.009	Optical attachment for gynaecology with rounded end
Part number L449.006	Optical attachment for dentistry	Part number L449.005	Holder for optical attachment
Part number L449.007	Optical attachment for ENT	Part number P2000.005	Battery pack
Part number L449.008	Optical attachment for gynaecology	Part number P2000.006	Carry pack
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series	Part number P2000.007	Ultrasound/Laser applicator holder for Plastic trolley

LASER THERAPY

BTL-4000 PROFESSIONAL



BTL-4110 PROFESSIONAL LASER

- 1-channel laser
- Simultaneous connection of 2 applicators
- Graphic and digital display
- Preset protocols
- Portable and battery-operated

TECHNICAL SPECIFICATIONS OF THE BTL-4000 PROFESSIONAL LASER

Model	BTL-4110 PROFESSIONAL LASER
Part number	P4110.002V100
Display	3.2"
Number of applicators simultaneously connected	2
Modes operation	Continuous and pulsed
Dosage	Fine 0.1-99.0 J/cm ²
Frequency	0-10,000 Hz
Therapy area	0.1-50 cm ²
Duty factor	5-100%
Laser class	3B
Dimensions	160 × 140 × 350 mm
Weight	max. 3 kg
Mains supply	100-240 V, 50-60 Hz
Standard accessories	adapter, manual

Accessories

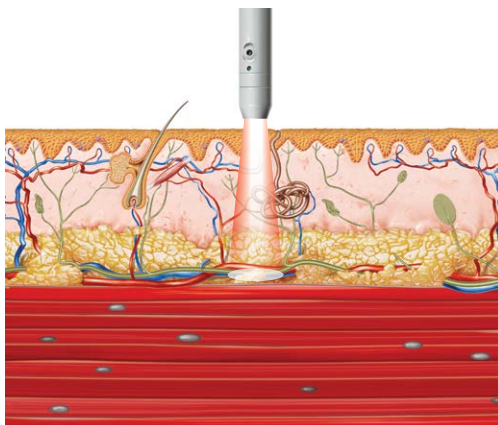
Part number P5100.008	Safety eyewear, protection level L3 or higher, plastic	Part number L449.008	Optical attachment for gynaecology
Part number L449.006	Optical attachment for dentistry	Part number L449.009	Optical attachment for gynaecology with rounded end
Part number L449.007	Optical attachment for ENT	Part number L449.005	Holder for optical attachment
Part number P5002.012	Trolley for BTL-4000	Part number P4000.005	Carry bag

LASER THERAPY

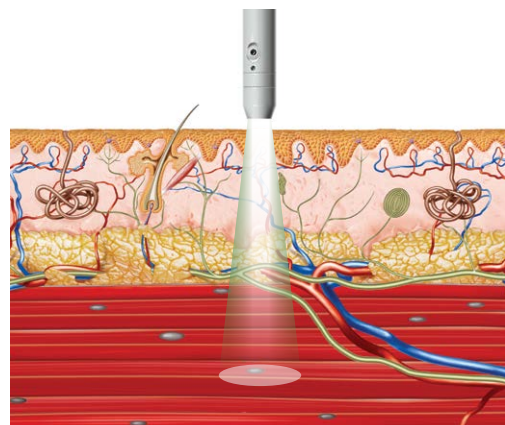
CLINICAL BACKGROUND

Laser therapy uses a beam of light with defined characteristics. As the beam penetrates the tissues of the human body, it causes analgesic and anti-inflammatory effects, as well as biostimulation.

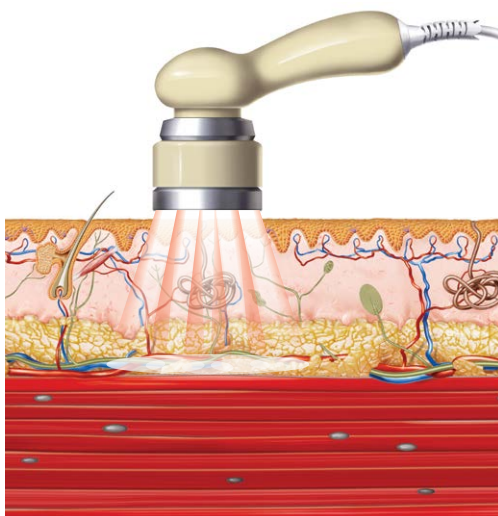
BTL offers a wide range of red, infrared and combined laser probes and clusters. Laser probes are suitable for treatment of smaller areas, while the laser clusters are designed to treat larger areas. Infrared applicators with the 830 nm wavelength generate laser light that penetrates deeper into the tissue. The red applicators with the 685 nm wavelength are used to treat superficial areas such as wounds, scars or haematomas.



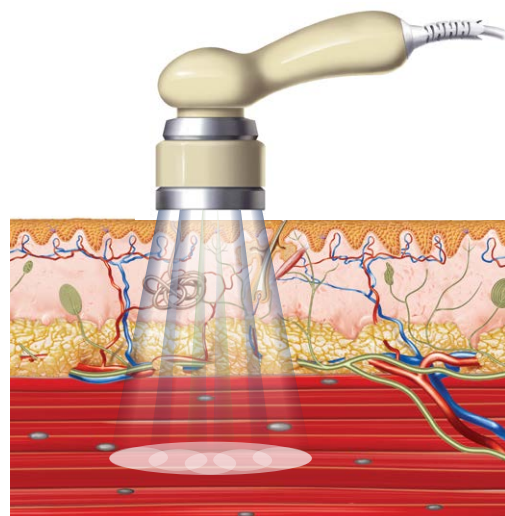
Red laser probe-for smaller, superficial areas



Infrared laser probe-for smaller, deeply located areas



Red laser cluster-for larger, superficial areas



Infrared laser cluster-for larger, deeply located area

LASER THERAPY

APPLICATORS

LASER PROBES FOR BTL-4000 SMART & PREMIUM



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 BTL-4000 SMART & PREMIUM



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



BTL-4000 Premium



BTL-4000 Smart

LASER PROBES FOR BTL-5000 LASER AND BTL-4000 PROFESSIONAL LASER



Probe	Technical parameters	Part number
Red probe-divergent	685 nm / 30 mW	L448.000
Red probe-divergent	685 nm / 50 mW	L448.020
Infrared probe-convergent	830 nm / 50 mW, green navigation	L448.004
Infrared probe-convergent	830 nm / 100 mW, green navigation	L448.005
Infrared probe-convergent	830 nm / 200 mW, green navigation	L448.006
Infrared probe-convergent	830 nm / 300 mW, green navigation	L448.007
Infrared probe-convergent	830 nm / 400 mW, green navigation	L448.010

LASER CLUSTERS FOR BTL-5000 LASER AND BTL-4000 PROFESSIONAL LASER



Cluster	Technical parameters	Part number
Red cluster	685 nm / 200 mW total output	L445.003
Infrared cluster	830 nm / 800 mW total output, blue navigation	L445.001
Infrared cluster	830 nm / 1600 mW total output, blue navigation	L445.002
Combined cluster	685 nm & 830 nm / 1000 mW total output, blue navigation	L445.004
Combined cluster	685 nm & 830 nm / 1800 mW total output, blue navigation	L445.005



BTL-5000 Laser



BTL-4000 Professional Laser

MAGNETOTHERAPY



HIGH PERFORMANCE
AND SAFETY

EXTENSIVE
THERAPY OPTIONS



MAGNETOTHERAPY

BTL-5000 SERIES

Featuring up to four independent channels, the BTL-5000 Series represents powerful magnetotherapy system. The magnetotherapy applicators are equipped with the Focused Magnetic Field™ technology. This integrated system enhances the operator's safety, while preserving the constant therapeutic effect for the patient.

Accessories for BTL-5000 Magnet



Disc applicator



Double disc applicator



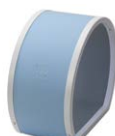
Multi disc applicator



Linear applicator



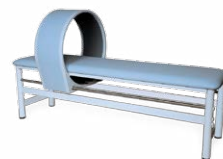
Solenoid 30 cm



Solenoid 60 cm



Applicator ring



Couch with magnetotherapy applicator



BTL-5920 MAGNET

- 2 independent magnetotherapy channels
- Simultaneous connection of 2 applicators
- Large 8.4" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database



BTL-5940 MAGNET

- 4 independent magnetotherapy channels
- Simultaneous connection of 4 applicators
- Large 8.4" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database

FEATURES & BENEFITS OF THE BTL-5000 MAGNET

- Available for later upgrade
- Focused Magnetic Field (FMF) Technology™
- Pulsed Magnetic Field (PMF)-rectangular, exponential, sine and triangular pulses
- Comfortable and lightweight applicators
- Trolley*

* optional

TECHNICAL SPECIFICATIONS OF THE BTL-5000 MAGNET

Model	BTL-5920 MAGNET	BTL-5940 MAGNET
Part number	P5920.101	P5940.101
Display	8.4" / 5.7"	8.4" / 5.7"
Patient database	•	•
Number of independent channels	2	4
Number of applicators simultaneously connected	2	4
Maximum intensity of magnetic field	128 mT	128 mT
Frequency range	0-166 Hz	0-166 Hz
Dimensions	230 × 390 × 260 mm	
Weight	4.7-5.3 kg	
Mains supply	230 V, 50-60 Hz, 115 V, 50-60 Hz	
Standard accessories	mains power cable, manual	

Accessories

Part number P5900.001	Disc applicator	Part number P5900.017	Couch with magnetotherapy applicator (Solenoid 70 cm)
Part number P5900.002	Double disc applicator	Part number P5900.014	Belt for magnetic applicator (disc) 60 cm
Part number P5900.003	Multi disc applicator	Part number P5900.015	Belt for magnetic applicator (double disc) 85 cm
Part number P5900.004	Linear applicator	Part number P5900.016	Belt for magnetic applicator (multi disc) 190 cm
Part number P5900.005	Solenoid 30 cm	Part number P5900.007	Extension cable for magnetic applicators
Part number P5900.006	Solenoid 60 cm	Part number P5000.060	Colour version of BTL-5000 with TFT 8.4" touch screen
Part number P5900.013	Applicator ring		
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series		

MAGNETOTHERAPY

BTL-4000

SMART & PREMIUM

Based on many years of experience BTL has designed one of the most advanced magnetotherapy systems available today-the BTL-4000 Smart and Premium. With up to four magnetotherapy channels, large colour touch screen and intuitive operation, this easy-to-use device is ideal for most offices.

Accessories for BTL-4000 Smart & Premium



Disc applicator



Double disc applicator



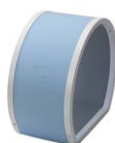
Multi disc applicator



Linear applicator



Solenoid 30 cm



Solenoid 60 cm



Applicator ring



Couch with magnetotherapy applicator



BTL-4000 PREMIUM

- Up to 4 magnetotherapy channels in a single unit
- QUICK protocols
- Body Parts navigation
- Large 7" colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database



BTL-4000 SMART

- Up to 4 magnetotherapy channels in a single unit
- 4.3" colour touch screen
- Preset protocols and therapeutic encyclopaedia

FEATURES AND BENEFITS OF THE BTL-4000 SMART & PREMIUM MAGNETOTHERAPY

- Focused Magnetic Field (FMF) Technology™
- Pulsed Magnetic Field (PMF)–rectangular, exponential, sine and triangular pulses
- User-defined series of magnetic pulses
- Comfortable and lightweight applicators
- Trolley*

* optional

TECHNICAL SPECIFICATIONS OF THE BTL-4000 SMART & PREMIUM 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"
QUICK protocols			•	•
Body Parts navigation			•	•
Patient database			•	•
Numbers of output channels	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 x 190 x 260 mm			
Weight	Max. 3 kg			
Mains supply	100-240 V, 50-60 Hz			
Standard accessories	Adapter, manual			

Accessories

Part number P5900.001	Disc applicator	Part number P5900.017	Couch with magnetotherapy applicator (Solenoid 70 cm)
Part number P5900.002	Double disc applicator		
Part number P5900.003	Multi disc applicator	Part number P5900.014	Belt for magnetic applicator (disc) 60 cm
Part number P5900.004	Linear applicator	Part number P5900.015	Belt for magnetic applicator (double disc) 85 cm
Part number P5900.005	Solenoid 30 cm	Part number P5900.016	Belt for magnetic applicator (multi disc) 190 cm
Part number P5900.006	Solenoid 60 cm	Part number P5900.007	Extension cable for magnetic applicators
Part number P5900.013	Applicator ring	Part number P2000.006	Carry bag
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series		

MAGNETOTHERAPY

BTL-4000 PROFESSIONAL



BTL-4920 PROFESSIONAL MAGNET

- 2 channel magnetotherapy
- Simultaneous connection of 2 applicators
- Graphic and digital display
- Preset protocols
- Portable and battery-operated

TECHNICAL SPECIFICATIONS OF THE BTL-4000 PROFESSIONAL MAGNET

Model	BTL-4920 Professional Magnet
Part number	P4920.002
Display	3.2"
Number of independent channels	2
Number of applicators simultaneously connected	2
Maximum intensity of magnetic field	128 mT
Frequency range	0-166 Hz
Dimensions	160 × 140 × 350 mm
Weight	max. 3 kg
Mains supply	100-240 V, 50-60 Hz
Standard accessories	adapter, manual

Accessories

Part number P5900.001	Disc applicator	Part number P5900.014	Belt for magnetic applicator (disc) 60 cm
Part number P5900.002	Double disc applicator	Part number P5900.015	Belt for magnetic applicator (double disc) 85 cm
Part number P5900.003	Multi disc applicator	Part number P5900.016	Belt for magnetic applicator (multi disc) 190 cm
Part number P5900.004	Linear applicator	Part number P5900.007	Extension cable for magnetic applicators
Part number P5900.005	Solenoid 30 cm	Part number P2000.006	Carry bag
Part number P5900.006	Solenoid 60 cm	Part number P5002.012	Trolley for BTL-4000
Part number P5900.013	Applicator ring		
Part number P5900.017	Couch with magnetotherapy applicator (Solenoid 70 cm)		

MAGNETOTHERAPY

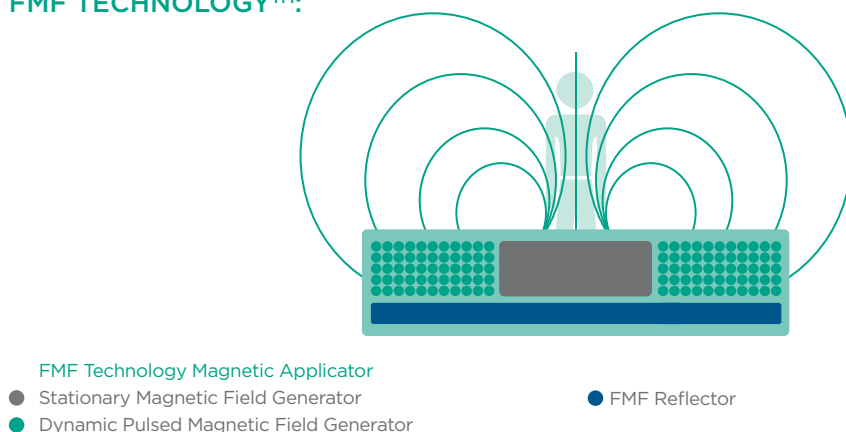
CLINICAL BACKGROUND

Magnetotherapy employs effects of the magnetic component of the electromagnetic field. The well known effects include pain relief and acceleration of healing.

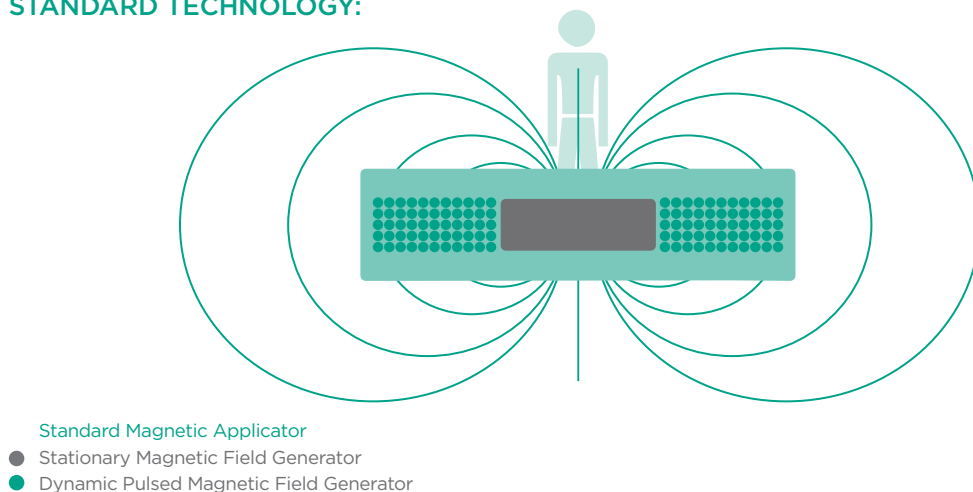
To increase the operator's safety the Focused Magnetic Field (FMF) technology™ is integrated in all magnetotherapy applicators. The FMF technology screens off the magnetic field from the operator's side of the applicator. While the patient benefits from the magnetotherapy during the treatment, the therapist is not exposed to the magnetic field.

A wide range of applicators for magnetotherapy is available. Disc applicators are suitable mostly for extremities while the big solenoids are used for therapies in the trunk region.

FMF TECHNOLOGY™:



STANDARD TECHNOLOGY:



COMBINED UNITS



ELECTROTHERAPY
ULTRASOUND
LASER THERAPY
MAGNETOTHERAPY



COMBINED UNITS SERIES

The BTL physiotherapy devices offer a broad selection of combined units. These can include nearly any combination of electrotherapy, ultrasound, laser and magnetotherapy. Each system provides different functions and features to satisfy any of your therapy needs.

BTL-5000 SERIES

- Unique modular system
- Available for later upgrade
- Saves the cost of the initial investment
- Up to four therapies in a single unit



BTL-4000 SMART & PREMIUM

- The most advanced technology in the industry
- HandsFree Sono® applicator
- Body Parts navigation and QUICK protocols
- Up to three therapies in a single unit



BTL-4000 PROFESSIONAL

- Cost effective solution
- Up to two therapies in a single unit



COMBINED UNITS THERAPIES

ELECTROTHERAPY

Full range of low and medium frequency waveforms and their modifications.



ULTRASOUND

Ergonomically shaped ultrasound heads and the new operator independent applicator HandsFree Sono®.



LASER THERAPY

Wide range of red, infrared and combined laser probes and clusters.



MAGNETOTHERAPY

High performance magnetotherapy applicators.



BTL-5000 SERIES

COMBINED UNITS



BTL-5816SLM COMBI Part number P5816.129	1-interferential basic	1	1	1
BTL-5818SLM COMBI Part number P5818.129	1-interferential extended	1	1	1
BTL-5820SL COMBI Part number P5820.101	2 basic	1	1	
BTL-5825SL COMBI Part number P5825.101	2 extended	1	1	
BTL-5820S COMBI Part number P5820.103	2 basic	1		
BTL-5825S COMBI Part number P5825.103	2 extended	1		
BTL-5825L COMBI Part number P5825.105	2 extended		1	
BTL-5825M2 COMBI Part number P5825.123	2 extended			2
BTL-5800SL COMBI Part number P5800.101		1	1	
BTL-5800LM2 COMBI Part number P5800.119			1	2

1-one channel

2-two channel

basic-basic waveforms

extended-extended range of waveforms

For overview of electrotherapy waveforms see page 20-21

BTL-5000 SERIES

ELECTROTHERAPY

ULTRASOUND

LASER THERAPY

MAGNETOTHERAPY

BTL-5000 COMBI

- Unique modular system
- Large colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database

FEATURES AND BENEFITS OF THE BTL-5818SLM COMBI UNIT

- Wide spectrum of waveforms
- Vacuum unit*
- Multi-frequency ultrasound applicators
- Suitable for combination therapy
- Wide range of laser probes and clusters
- Powerful magnetotherapy applicators

*optional



Accessories for BTL-5000 Series



MODEL	Electrotherapy	Ultrasound	Laser	Magnetotherapy	Extended waveforms	Part number
BTL-5818SLM COMBI	•	•	•	•	•	P5818.129
BTL-5816SLM COMBI	•	•	•	•		P5816.129

BTL-5000 SERIES

ELECTROTHERAPY

ULTRASOUND

LASER THERAPY

BTL-5000 COMBI

- Unique modular system
- Large colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database

FEATURES AND BENEFITS OF THE BTL-5825SL COMBI UNIT

- Wide spectrum of waveforms
- Vacuum unit*
- Multi-frequency ultrasound applicators
- Suitable for combination therapy
- Wide range of laser probes and clusters

*optional



Accessories for BTL-5000 Series



MODEL	Electrotherapy	Ultrasound	Laser	Extended waveforms	Part number
BTL-5825SL COMBI	•	•	•	•	P5825.101
BTL-5820SL COMBI	•	•	•		P5820.101

BTL-5000 SERIES

ELECTROTHERAPY

ULTRASOUND

BTL-5000 COMBI

- Unique modular system
- Large colour touch screen
- Preset protocols and therapeutic encyclopaedia
- Patient database

FEATURES AND BENEFITS OF THE BTL-5825S COMBI UNIT

- Wide spectrum of waveforms
- Vacuum unit*
- Multi-frequency ultrasound applicators
- Suitable for combination therapy

*optional

Accessories for BTL-5000 Series



MODEL	Electrotherapy	Ultrasound	Extended waveforms	Part number
BTL-5825S COMBI	•	•	•	P5825.101
BTL-5820S COMBI	•	•		P5820.101

BTL-4000

SMART & PREMIUM

COMBINED UNITS



BTL-4820SL PREMIUM Part number P2820.781	2 basic	1	1	
BTL-4825SL PREMIUM Part number P2825.781	2 extended	1	1	
BTL-4820S SMART Part number P2820.471	2 basic	1		
BTL-4825S SMART Part number P2825.471	2 extended	1		
BTL-4820S PREMIUM Part number P2820.771	2 basic	1		
BTL-4825S PREMIUM Part number P2825.771	2 extended	1		
BTL-4820L SMART Part number P2820.481	2 basic		1	
BTL-4825L SMART Part number P2825.481	2 extended		1	
BTL-4825M2 SMART Part number P2825.452	2 extended			2
BTL-4825M2 PREMIUM Part number P2825.752	2 extended			2
BTL-4800SL SMART Part number P2800.400		1	1	
BTL-4800LM2 SMART Part number P2800.451			1	2
BTL-4800LM2 PREMIUM Part number P2800.751			1	2

1-one channel

2-two channel

basic-basic waveforms

extended-extended range of waveforms

For overview of electrotherapy waveforms see page 20-21

BTL-4000 PREMIUM

ELECTROTHERAPY

ULTRASOUND

LASER THERAPY

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-4825SL PREMIUM UNIT

- Two independent electrotherapy channels
- Wide spectrum of waveforms
- Vacuum unit*
- Wide range of laser probes and clusters

*optional



Accessories for BTL-4000 PREMIUM

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

BTL-4000 PREMIUM

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*

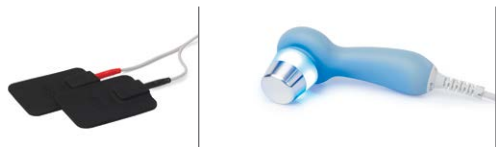
FEATURES & BENEFITS OF THE BTL-4825S PREMIUM UNIT

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

*optional



Accessories for BTL-4000 PREMIUM



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

BTL-4000 SMART

ELECTROTHERAPY

ULTRASOUND

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-4825S SMART UNIT

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

*optional



Accessories for BTL-4000 SMART



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

BTL-4000 PROFESSIONAL COMBINED UNITS



BTL-4816S PROFESSIONAL COMBI Part number P4816.004	1-interferential	1
BTL-4818S PROFESSIONAL COMBI Part number P4818.004	1-interferential extended	1

1-one channel

basic-basic waveforms

extended-extended range of waveforms

For overview of electrotherapy waveforms see page 20-21.



BTL-4000 PROFESSIONAL ELECTROTHERAPY ULTRASOUND



BTL-4000 PROFESSIONAL COMBI

- Graphic and digital display
- Preset protocols
- Portable and battery-operated

FEATURES & BENEFITS OF THE BTL-4818S UNIT

- Wide spectrum of waveforms
- Vacuum unit*
- Multi-frequency ultrasound applicators
- Suitable for combination therapy

*optional

Accessories for BTL-4000 Professional



MODEL	Electrotherapy	Ultrasound	Extended waveforms	Part number
BTL-4818S	•	•	•	P4818.004
BTL-4816S	•	•		P4816.004

BTL-6000 LYMPHASTIM ADVANCED PRESSOTHERAPY SYSTEM



LYMPHATIC DRAINAGE

Lymphatic drainage is a well-established & clinically-proven therapeutic method that delivers immediate and visible results.

BTL's Lymphastim works on the pneumatic pressotherapy principle. Special applicator sleeves with multiple overlapping chambers provide gentle massage that encourages the natural circulation of the lymph through the body.

DIFFERENT FIELDS OF APPLICATION

- Rehabilitation and sports medicine
- Lymphology and rheumatology clinics
- Spas, wellness hotels and beauty centres

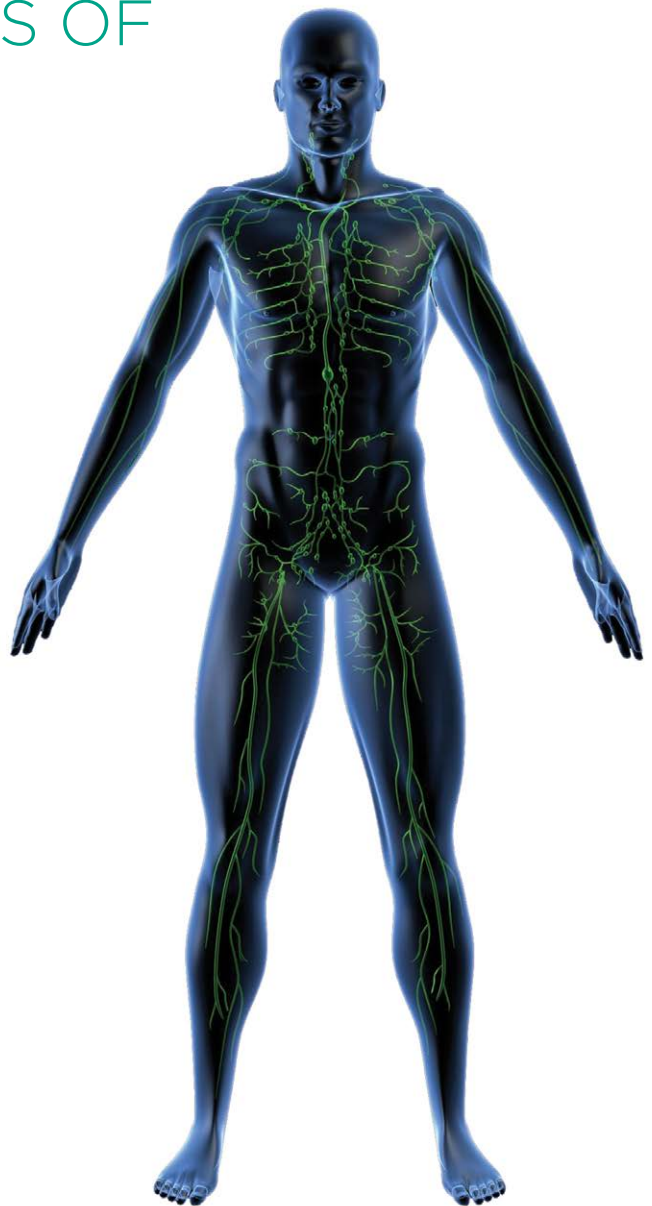
MOST COMMON INDICATIONS

MEDICAL

- Chronic oedemas
- Post-surgical obstruction of lymph vessels
- Venous insufficiency and ischemic diseases

WELLNESS AND AESTHETICS

- Cellulite
- Postliposuction care
- Heavy-legs syndrome



LYMPHASTIM PROFESSIONAL PRESSOTHERAPY SYSTEMS



BTL-6000 LYMPHASTIM TOPLINE

- 15 programmes for various compression flows
- 26 preset therapy protocols and sequences of programmes
- Built-in encyclopaedia with treatment recommendations
- Advanced settings for customized treatment

BTL-6000 LYMPHASTIM EASY

- 12-channel / 6-channel economy models with LED interface
- 8 preset programmes that can be modified by the user
- Basic pressure gradient and programmable speed setting
- Pressure can be changed during the course of therapy
- Working chamber activity shown on bar graph



FEATURES & BENEFITS OF THE BTL-6000 LYMPHASTIM TOPLINE

- 26 preset therapy protocols and sequences of programmes
- Individually adjustable pressure for each chamber
- Working chamber activity shown on display
- Option to disable one or more chambers
- Advanced settings of pressure gradient

FOR MORE INFORMATION PLEASE REVIEW THE BTL-6000 LYMPHASTIM CATALOGUE OR VISIT WWW.BTLNET.COM

TECHNICAL SPECIFICATIONS OF THE BTL-6000 LYMPHASTIM

MODEL	BTL-6000 LYMPHASTIM 12 TOPLINE	BTL-6000 LYMPHASTIM 12 EASY	BTL-6000 LYMPHASTIM 6 EASY
Ordering number	P6000.003	P6000.002	P6000.001
User-interface	5.7" touch screen	LED display	LED display
BTL Encyclopaedia	26 clinical protocols (programmes in sequences)		
User programmes	500 user-defined programmes		
Preset programmes	15	8	8
Numbers of channels	12	12	6
Pressure setting	20-160 mmHg	20-160 mmHg	20-160 mmHg
Gradient	0-100 % continuous setting	0, 10, 20, 30 %	0, 10, 20, 30 %
Dimensions	320 x 190 x 280 mm		
Weight	7,5 kg		
Mains supply	100-240 V, 50-60 Hz		
Standard accessories	Basic tube 12 Topline, power cord	Basic tube 12 Easy, power cord	Basic tube 6 Easy, power cord

Optional accessories for Lymphastim 12 Easy / 12 Topline

Part number P6000.060	Trousers 24 chambers	Part number P6000.075	Arm 8 chambers-size S
Part number P6000.059	Trousers 24 chambers with velcro	Part number P6000.067	Leg 10 chambers-size L
Part number P6000.071	Trousers 24 chambers with velcro-size XL	Part number P6000.066	Leg 10 chambers-size M
Part number P6000.072	Trousers 24 chambers with zipper	Part number P6000.076	Leg 10 chambers-size S
Part number P6000.065	Arm 8 chambers		

Optional accessories for Lymphastim 6 Easy

Part number P6000.061	Trousers 12 chambers	Part number P6000.063	Leg 6 chambers-size L
Part number P6000.064	Arm 6 chambers	Part number P6000.062	Leg 6 chambers-size M
Part number P6000.074	Arm 6 chambers-size S	Part number P6000.077	Leg 6 chambers-size S

Optional accessories for all units

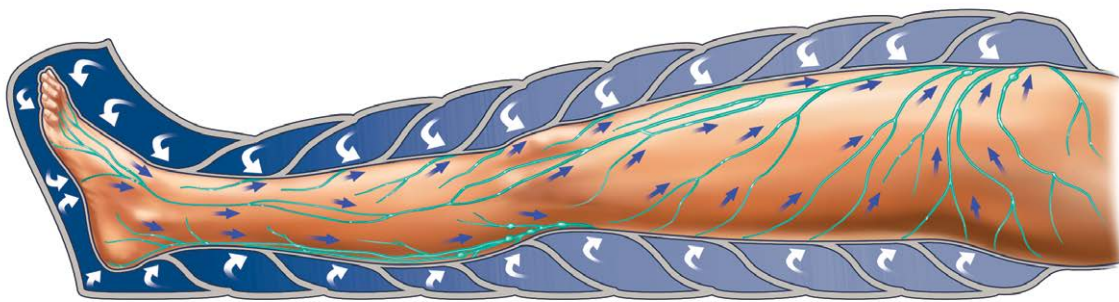
Part number P6000.034	Interface for 2 arms or legs	Part number P6000.073	Extension strip for trousers 24 chambers with zipper
Part number P6000.070	Extension strip for trousers 24, 12	Part number BTL-13.026	BTL-1300 Lymphatic couch
Part number P6000.069	Extension strip for leg applicators-size L	Part number T013.025	BTL-1300 Lymphatic couch Basic
Part number P6000.068	Extension strip for leg applicators -size M,S	Part number P5002.009	Trolley
		Part number P6000.211	Plastic trolley

LYMPHASTIM APPLICATORS

OVERLAPPING CHAMBERS

TECHNOLOGY

All Lymphastim applicators feature overlapping chambers for precise and more efficient therapy. Fully overlapping sections without gaps enable gentler and effective movement of lymphatic fluids.



FEATURES & BENEFITS OF THE BTL-6000 LYMPHASTIM APPLICATORS

- Ergonomically designed for maximum comfort.
 - Connectors for easy applicator change by a single click.
 - Automatic sleeve deflation after treatment for comfortable handling.
 - Automatic identification of the applicators; the unit automatically identifies the connected applicator and selects the compression flow accordingly.
 - Abrasion-resistant material provides a unique combination of lightweight and durability.
-

WIDE RANGE OF APPLICATORS

TROUSERS 24 WITH ZIPPER

Full-length, high-quality zipper for quick and easy dressing/undressing.



TROUSERS 24

The velcro applicator perfectly fits all body types due to the large coverage areas of the velcro.



TROUSERS 24 UNISIZE

The unisize trousers have been designed to change size fast and easily.



LEG APPLICATORS

A selection of three sizes (S, M and L) is available.



ARM APPLICATORS

The arm applicators are unique due to their extremely ergonomical large breast chambers.



**SHORTWAVE
DIATHERMY**
PROVEN THERAPY
LATEST TECHNOLOGY



BTL-6000 SHORTWAVE

The BTL-6000 Shortwave is a state-of-the-art device for high-frequency heat therapy. The use of high-frequency energy for heat therapy has the advantage of a greater penetration depth in contrast with conventional methods, such as hot packs, baths or infrared light. The heating effect of the electrodes for the inductive and capacitive methods of application is fundamentally different.

CAPACITIVE APPLICATORS

- The body part being treated is located in the high-frequency electric field between two insulated electrodes.
- Mainly heats tissues with low blood circulation (e.g., connective tissues).

INDUCTIVE APPLICATORS

- Produces high-frequency electric currents within the body tissue by means of induction.
- Most effective for tissues with good blood circulation (e.g., muscle tissue and inner organs).

FREEDOM OF MOVEMENT

- **SIX-JOINT ARMS FOR ALL TREATMENT POSITIONS**

From achillodynia to migraine



- **EASY APPLICATOR CHANGE**

A single click setup, no assembling required.



- **FULLY ADJUSTABLE**

360° rotation in 2 joints

BTL-6000

SHORTWAVE 400

BTL-6000 SHORTWAVE 400

- Power up to 400 W for optimal application possibilities
- One channel capacitive field
- One or two-channel inductive field
- Colour touch screen user-interface

FEATURES & BENEFITS

- Preset therapy protocols
- Patient database in the unit
- Encyclopaedia with applicator placement images
- User-defined protocols



TECHNICAL SPECIFICATIONS

MODEL	BTL-6000 SHORTWAVE 400
Ordering number	P6000.301
User-interface	5.7" colour touch screen
Inductive / Capacitive	1 or 2 channels inductive / 1 channel capacitive
Power	400 W pulsed, 200 W continuous
Preset protocols	BTL encyclopaedia, 62 indications
User programmes	100 user-defined programmes
Pulse frequency	50-1500 Hz
Pulse length	50-200 microseconds
Dimensions	560 × 980 × 560 mm
Weight	38 kg
Mains supply	100-240 V, 50-60 Hz
Standard accessories	mains power cable, manual

Optional accessories for BTL-6000 Shortwave 400

Part number P6000.332	Set of basic accessories for capacitive application	Part number P6000.325	Capacitive soft-rubber plate applicator 12 x 18 cm, with cable (1 pc.)
Part number P6000.333	Set of capacitive rubber plate applicators	Part number P6000.328	Felt spacer for soft-rubber plate applicators 12 x 18 cm (1 pc.)
Part number P6000.322	Capacitive applicator 42 mm, without cable (1 pc.)	Part number P6000.329	Cloth bag for soft-rubber plate applicators 12 x 18 cm (1 pc.)
Part number P6000.323	Capacitive applicator 85 mm, without cable (1 pc.)	Part number P5600.024	Set of fixation straps for plate applicators, 4 pairs
Part number P6000.324	Capacitive applicator 130 mm, without cable (1 pc.)	Part number P6000.335	Neon check light
Part number P6000.327	Cable for capacitive applicator (1 pc.)		

BTL-6000

SHORTWAVE 200

BTL-6000 SHORTWAVE 200

- One or two-channels inductive field
- Continuous and pulsed mode
- Colour touch screen user-interface
- Power up to 200 W (100 W continuous)

FEATURES & BENEFITS

- Preset therapy protocols
- Patient database in the unit
- Encyclopaedia with applicator placement images
- User-defined protocols

TECHNICAL SPECIFICATIONS

MODEL	BTL-6000 SHORTWAVE 200
Ordering number	P56000.300
User-interface	5.7" colour touch screen
Inductive / Capacitive	1 or 2 channels inductive
Power	200 W pulsed, 100 W continuous
Preset protocols	BTL encyclopaedia, 62 indications
User programmes	100 user-defined programmes
Pulse frequency	50-1500 Hz
Pulse length	50-200 microseconds
Dimensions	560 × 980 × 560 mm
Weight	38 kg
Mains supply	100-240 V, 50-60 Hz
Standard accessories	mains power cable, manual

Optional accessories for BTL-6000 Shortwave 400 / 200

Part number P6000.334	Set of basic accessories for inductive application	Part number P6000.330	6-joint holding arm right (includes arm holder kit) (1 pc.)
Part number P6000.320	Inductive applicator 80 mm, with cable (1 pc.)	Part number P6000.331	6-joint holding arm left (1 pc.)
Part number P6000.32	Inductive applicator 140 mm, with cable (1 pc.)		



MICROWAVE DIATHERMY THERAPY FOR WIDE RANGE OF APPLICATIONS



BTL-6000

MICROWAVE

FEATURES AND BENEFITS

- User-friendly interface with colour touch screen
- Preset therapy protocols
- Continuous and pulsed mode
- Six-joint arm for all treatment positions

Accessories for BTL-6000 Microwave



Spot radiator



Contact radiator



Large field radiator



Long radiator



TECHNICAL SPECIFICATIONS

Ordering number	P6000.601
Display	5,7" colour touch screen
Power	250 W
Preset protocols	BTL encyklopaedia; 58 indications
Dimensions	560 × 980 × 560 mm
Weight	45 kg
Mains supply	100-240 V, 50-60 Hz
Standard accessories	6-joint holding arm, RF cable, mains power cable, manual

FOR MORE INFORMATION PLEASE REVIEW THE BTL-6000 MICROWAVE CATALOGUE OR VISIT WWW.BTLNET.COM

Optional accessories

Part number P6000.611	Large field radiator	Part number P6000.612	Long radiator
Part number P6000.613	Spot radiator	Part number P6000.614	Contact radiator
Part number P6000.615	RF cable	Part number P6000.335	Neon check light
Part number P6000.616	Microwave protective glasses		

THERAPY & EXAMINATION COUCHES

MAXIMUM COMFORT
EASY OPERATION



THERAPY & EXAMINATION COUCHES

Our couches have been carefully designed with both the patient and a physician in mind. Available in a large range of upholstery colours and accessories, they feature superior stability and durability, high quality artificial leather covers and heavy-duty motors.

BTL-1300 SERIES

BTL offers a complete series of rehabilitation and examination couches ranging from simple couches with fixed height to six-section electrically adjustable couches.



BTL-1300 BASIC SERIES

The BTL-1300 Basic series are motor operated couches with a simplified construction but retained superior stability, construction durability and precision-manufacturing.



FOR COMPLETE OFFER PLEASE REVIEW THE BTL THERAPY & EXAMINATION COUCHES CATALOGUE OR VISIT WWW.BTLNET.COM

TRACTION THERAPY

RELIABLE

TECHNOLOGY

FOR EVERYDAY USE

TRACTION THERAPY



BTL-16 PLUS

- User-friendly digital interface
- Continuous and intermittent traction programmes
- User-defined hold, rest and treatment times
- Real-time digital treatment tracking
- Built-in safety features

Accessories for BTL-16 Plus



TECHNICAL SPECIFICATIONS OF THE BTL-16 PLUS TRACTION THERAPY

Ordering number	P616.000
Therapy	continuous, intermittent, harmonized, progressive
Traction force	0-92 kg
Force time / Rest time (intermittent therapy)	0-99 sec.
Treatment time	0-99 min.
Mains supply	100-240 V, 50-60 Hz
Dimensions W x H x L	295 x 270 x 360 mm
Weight	13.6 kg
Standard accessories	patient interrupt switch, cervical belt with spreader bar

Optional accessories for BTL-16 Plus

Part number T010.028	Stool with adjustable height for BTL-1100 Trac and BTL-1300 Trac	Part number P703.000	Pelvic and Thoracic traction belts system
Part number T011.162	BTL-1100 Trac couch	Part number T013.011	BTL-1300 Trac couch

TRACTION COUCHES

BTL-1100, BTL-1300 TRAC

The BTL-1100 Trac and BTL-1300 Trac couches are specially designed for lumbar and cervical traction. They may be also used for examination and other forms of therapy. The movable section of the couch makes therapy friction-free, giving the patient maximum muscular relaxation and limiting any unpleasant feelings during therapy.



BTL-1100 TRAC

- Fixed height (70 cm)
- Gas-spring adjustable head section
- Economic packing and easy transportation

BTL-1300 TRAC

- Three-section couch
- Electrically adjusted height (42-95 cm)
- Gas-spring adjustable head section



