

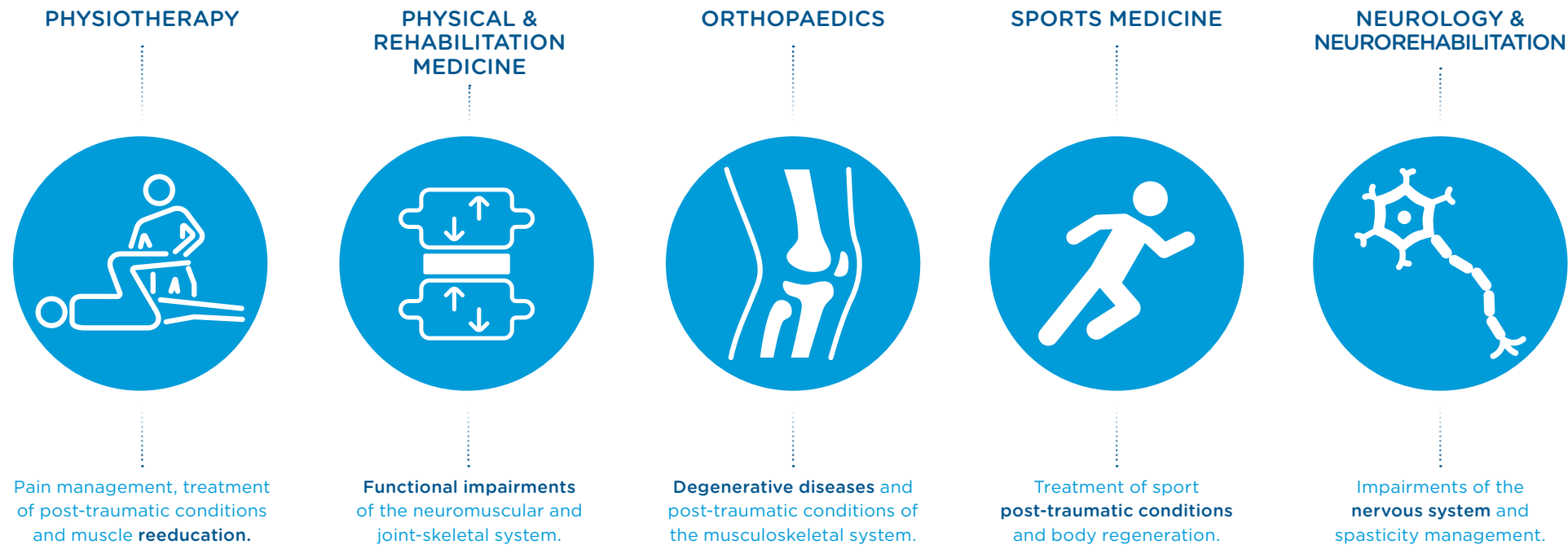


MEDICAL SOLUTIONS

For a healthier
tomorrow!



SERVING OUR COMMUNITIES



ASK YOURSELF

DO YOU WANT TO:

Offer **the best solution** to your patients?

Cover **the whole spectrum** of different indications?

Offer a **complete therapy package** and treat your patients head to toe?

If you answered “**YES**” to one or more of the above questions, you will greatly appreciate **MEDICAL SOLUTIONS BY BTL**.

ACHIEVE NEXT-LEVEL RESULTS



TR-THERAPY



HIGH INTENSITY LASER &
ROBOTIC SCANNING SYSTEM



SHOCKWAVE THERAPY



SUPER INDUCTIVE SYSTEM



R-FORCE

HIGH-END TECHNOLOGIES

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SPINAL DECOMPRESSION

A NON-INVASIVE ALTERNATIVE TO SPINE SURGERY

Spinal decompression represents the **first-choice** treatment that relieves back pain of any origin regardless of its stage. The therapy is on the borderline of **next-level** manual medicine, a **non-invasive** alternative to spine surgery and **drug-free** back pain management. The therapy uses **automated decompressive forces** to mobilize joints, relieve the pressure over neuro-spinal structures, relax and elongate soft tissues in pain-relieving positions which can be fine-tuned to innumerable combinations according to the patient's condition.

SPINAL DECOMPRESSION procedure is:

- Expanding your addressable patient population with
 - Spondylosis
 - Chronic low back pain
 - Slipped disc in the cervical and lumbar areas
 - Back pain indicated for spine surgery



THE MASTERY OF BACK PAIN MANAGEMENT

The **BTL SPINAL DECOMPRESSION** promotes the new way forward to **precise targeting of the therapy** into impaired segments of the spine and innumerable options for treatment of low back pain of any origin.



The most precise targeting of lumbar segments due to adjustable **pelvic tilt**.



Reduced pressure on nerve roots & stretching of thoraco-lumbar fascia.



Relaxation of paraspinal muscles for **sensitive patients**.



SPINAL DECOMPRESSION is a great option on how to achieve **correction of spine** and alignment in scoliotic patients.



The very first automated decompression for neck pain that perfectly substitutes manual therapy.



Slipped discs in the lumbar spine or arthrosis represent the most favorable indications for **HIP** application.

SPINAL DECOMPRESSION

Highlights

- **Innumerable** treatment options for low back pain
- The very first automated decompression for neck pain that **substitutes manual therapy**
- Parking position for effortless return of the patient to the initial position
- The most gentle and precise dosing of decompressive forces by **100-gram** force increment

Extended therapy options

- Adapter for neck pain therapy in a sitting position
- Asymmetric adapter

Additional features

- **Therapy modes** for personalized treatment
- Automated pre-intervention traction test
- Preset protocols
- Encyclopaedia
- An integrated **heat kit** for enhanced therapeutic outcomes
- Comfortable patient setup due to belt system



12 PRESET POSITIONS FITTING
ALL SPINAL NUANCES

SPINAL DECOMPRESSION SPECIFICATIONS



BTL SPINAL DECOMPRESSION

Model	BTL SPINAL DECOMPRESSION PREMIUM
Part number	P096.101
Build-in cervical adapter	•
Heated cushion	•
Inversion therapy set	•
Asymmetric therapy adapter	•
Sitting therapy adapter	•
Standard accessories	Face pad, upholstered insert, remote control with a display, retractable castors, velcro fastening of the thoracic belt, holder with plastic covers for multiple positioning of the unit, axilla posts

Optional accessories for BTL SPINAL DECOMPRESSION

Part number P096.110	Face pad
Part number P096.111	Upholstered insert
Part number P096.112	Inversion therapy set
Part number P096.113	Axilla posts - 2 pcs.
Part number P096.114	Sitting therapy adapter
Part number P096.115	Asymmetric therapy adapter

BTL-6000 TRACTION THERAPY

Model	BTL-6000 TRACTION
Part Number	P096.001
User interface	5.7" colour touch screen
Modes	17
Traction force	0-100 kg
Traction speed	1-12 kg/s
Therapy time	1:00-99:59 min:sec
Hold time/Rest time	1-999 sec.
Standard accessories	Patient switch with holder, mounting kit



SHOCKWAVE THERAPY

A WHOLE NEW FORMULA FOR CHRONIC PAIN

Shock waves are transient acoustic waves that have the unique ability to transmit high energy to painful spots of the myoskeletal system. Shock waves cause cell stimulation and growth factor release that result in tissue regeneration. Therapy provokes **reparation processes** in tendons and bones, eliminates calcifications, relieves persistent pain and relaxes overused muscles.

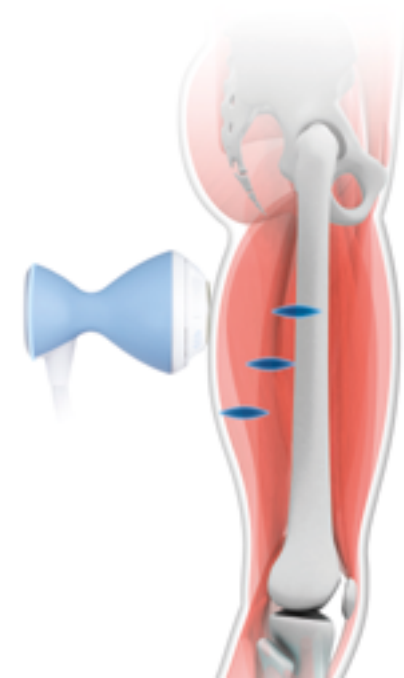
SHOCKWAVE THERAPY procedure is:

- The first choice in the treatment of **chronic pain of the musculoskeletal system, calcifications and impaired tendons or bone nonunions.**
- **Expanding your addressable patient population who**
 - have joint and tendon pain
 - are not candidates for surgical intervention
 - are looking for a non-invasive treatment alternative, without drugs or local anesthetics



DIFFERENT SHOCKWAVE THERAPIES

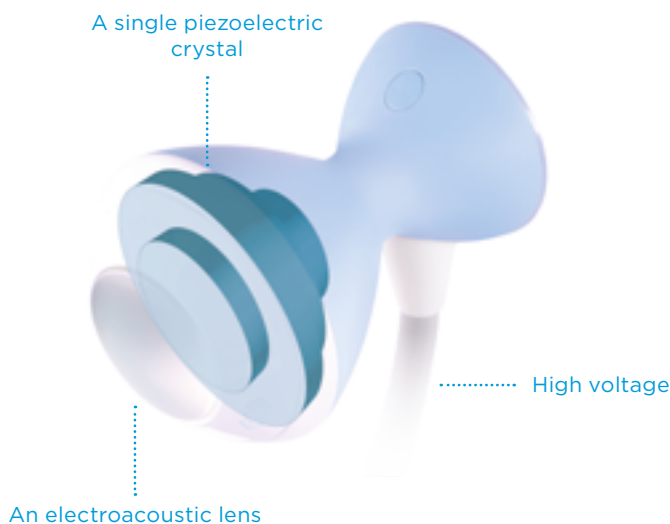
Did you know that **FOCUSED** and **RADIAL SHOCKWAVE THERAPY** have the same medical effect, but differ from the technical aspect as well as clinical indications?



FOCUSED SHOCKWAVE allows for adjustable penetration depth with **constant maximal intensity**. The therapy is suitable for treatment of both **superficial and deep-lying tissues**.



RADIAL SHOCKWAVE allows for changing the character of shocks by using different transmitters. However, **the maximum intensity is concentrated superficially**. The therapy is suitable for treatment of **superficially lying tissues**.



FOCUSED SHOCKWAVE is based on **electroacoustic principles**. Inside of the applicator, there is a complex consisting of the single piezoelectric crystal and an electroacoustic lens.

The device creates a high voltage which deforms the crystal and creates an acoustic pressure wave. The wave is then shaped **convergently** and spreads through the patient's body.



RADIAL SHOCKWAVE is based on **pneumatic principles**. The energy is created by transferring compressed air under large pressure from the device into the applicator.

The energy of the air is translated onto the projectile which is consequently pushed at high speed against the transmitter at the end of the applicator. The wave is then shaped **divergently** and spreads through the patient's body.

FOCUSED SHOCKWAVE THERAPY

FOCUSED SHOCKWAVE THERAPY

Technology

- A whole new **patented** electroacoustic technology
- The only technology offering the highest lifespan of **3 million shocks with constant intensity**

Parameters

- The perfect balance between high **Energy Flux Density** (0.65 mJ/mm²) and optimal **Focal Zone** size (5×35 mm)
- **The highest frequency** range on the market for a wide spectrum of indications

Therapy

- Adjustable depth of penetration of up to 65 mm by using **only 3 coupling pads**

Applicator

- **Intelligent applicator** with continuous monitoring of shock intensity and touch screen display
- Adjusting parameters directly from **the applicator display**
- Easy maintenance and **liquid-free** circuit
- **Switch & Go** applicator replacement service

Additional features

- **Presets** with therapeutic encyclopedia



3 MILLION SHOCKS WITH
CONSTANT INTENSITY

RADIAL SHOCKWAVE THERAPY

RADIAL SHOCKWAVE THERAPY

Technology

- **The strongest portable radial SHOCKWAVE**
- **4 million shocks** lifespan

Parameters

- Pressure up to **6 bars** and frequency up to **22 Hz**

Applicator

- **Spin** with your fingertips to adjust parameters comfortably during the **ongoing therapy**
- **Ultralight** & ergonomically shaped applicator for effortless performance
- **Smart** therapy indicator of parameters and **alert** of ongoing therapy
- **Shock-absorbing** cushioning eliminates reverse shocks

Therapy

- Wide range of **transmitters** for different indications

Additional features

- **Presets** with therapeutic encyclopaedia



NEW MAGNUM APPLICATOR WITH
4 MILLION SHOCKS

SHOCKWAVE SPECIFICATIONS



FOCUSED SHOCKWAVE

Model	BTL-6000 FSWT
Part number	P094.001
User interface	8.4" colour touch screen
Preset protocols	27
User-defined protocols	•
Max. Energy Flux Density	0.65 mJ/mm ²
Focal zone size	5 × 5 × 35 mm
Frequency	1-25 Hz
Mode	Sequence, single therapy
Standard accessories	Applicator, holder for the applicator, 3 coupling pads, 2 lock rings

Optional accessories for BTL-6000 FSWT

Part number P094.002	Focused shockwave applicator
Part number P094.011	Coupling pad S size
Part number P094.012	Coupling pad M size
Part number P094.013	Coupling pad L size
Part number P007.011	Gel 1000ml
Part number P094.015	Lock ring for applicator
Part number P094.016	FSWT Applicator arm
Part number P094.014	U-shaped coupling pad
Part number P2000.011	Bucket holder
Part number P2000.002	Holder for ultrasound gel
Part number P2000.010	Holder for paper roll
Part number P094.010	Footswitch



RADIAL SHOCKWAVE

Model	BTL-6000 RSWT ELITE	BTL-6000 RSWT PRO	BTL-6000 RSWT EASY
Part number	844-POELMA-M	844-POPRMA-M	844-POEAEA-M
User interface	8.4" colour touch screen	5.7" colour touch screen	LED interface
Preset protocols	22	22	7
User-defined protocols	•	•	
Max. pressure	up to 6 bars	up to 4 bars	up to 4 bars
Frequency	1-22 Hz	1-15 Hz	1-15 Hz
Mode	Sequences, single, continuous, intensity gradient	Sequences, single, continuous, intensity gradient	Single, continuous
Intensity gradient mode	•	•	
Main unit weight	7 kg		
Standard accessories	Applicator MAGNUM with parameter controls, transmitters 9, 15 multifocused and 15 mm focused, RSWT exchangeable kit, gel 300 ml, SWT applicator holder		Applicator EASY, transmitters 9, 15 multifocused and 15 mm focused, gel 300 ml, SWT applicator holder

Optional accessories for RSWT ELITE and PRO

Part number 844-APMA-M	Applicator MAGNUM
Part number 844-APEA-M	Applicator EASY
Part number 844-EXCHKITMA-U	RSWT Exchangeable kit for Applicator MAGNUM
Part number 844-EXCHKITEA-U	RSWT Exchangeable kit for Applicator EASY

Optional accessories for RSWT EASY

Part number 844-APEA-M	Applicator EASY
Part number 844-EXCHKITEA-U	RSWT Exchangeable kit for Applicator EASY

Transmitters sets

Part number P014.056	Set of 2 transmitters
Part number P014.057	Set of 4 transmitters
Part number P014.058	Set of 6 transmitters
Part number P014.060	Full set of transmitters

Additional accessories for all shockwave units

Part number P014.014	15 mm focused transmitter
Part number P014.016	9 mm multifocused transmitter
Part number P014.017	15 mm multifocused transmitter
Part number P014.059	20 mm vibrating transmitter
Part number P014.052	36 mm vibrating transmitter
Part number P014.050	15 mm multifocused titanium transmitter
Part number P014.051	9 mm multifocused trigger transmitter
Part number P014.053	20 mm titanium transmitter with sanitary cover
Part number P014.054	20 mm transmitter with sanitary cover
Part number P014.055	Set of sanitary covers 20 mm (100 pcs)
Part number 844-ARMCLAMP-U	RSWT Applicator arm
Part number P007.011	Ultrasound and SWT gel 1000ml
Part number P007.010	Ultrasound and SWT gel 300ml
Part number P2000.002	Holder for ultrasound gel
Part number P6000.211	Trolley for BTL-6000 SWT

HIGH INTENSITY LASER & ROBOTIC SCANNING SYSTEM

NEXT-GENERATION TECHNOLOGY

The automated **HIGH INTENSITY LASER**, so-called **ROBOTIC SCANNING SYSTEM** delivers the most gentle and effective pain management to your patients! The healing effect of laser light is based on biostimulation and speeding up cell processes that contribute to pain suppression and faster injury recovery. The unique combination of **30 W** power and a **1064 nm** wavelength allows for targeting **deep-lying tissues**, maximizing pain relief and delivering strong thermic therapies within a short time.

ROBOTIC SCANNING SYSTEM is an operator-free procedure that:

- Saves you time and provides an opportunity to cover a wide spectrum of indications.
- **Expanding your addressable patient population** with
 - acute and chronic back pain
 - post-traumatic conditions of muscles and tendons



HIGH INTENSITY LASER & ROBOTIC SCANNING SYSTEM

Parameters

- The most powerful **30 W** high intensity laser for maximized effect of pulsed analgesia, as well as delivering strong thermic therapies
- **1064 nm** wavelength for the most effective energy delivery to deep-lying tissues

Intelligent features

- **Body Condition Screen** for personalized therapy tailored to suit every patient's condition
- Equipped with continuous **multi-level control** of power

Additional features

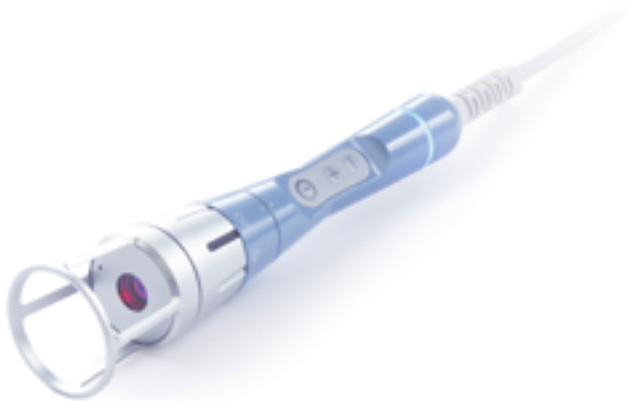
- Intuitive colour **touch screen**
- **Presets** with a therapeutic encyclopedia

TREAT FROM SMALL TO LARGE
BODY AREAS OF UP TO **1200 cm²**



ROBOTIC SCANNING SYSTEM

- The very first **intelligent** Robotic Scanning System covering body areas up to 1200 cm²
- Ideal for back area, **large** muscle groups, and joints
- **Temperature monitoring** of homogenous energy spread and maximized therapeutic efficiency
- Equipped with **Thermal Perception Scan** for personalized therapy
- **Continuous control** of a safe distance between the patient and the Robotic Scanning System



MANUAL LASER THERAPY

- The most powerful manual laser therapy delivering **the power of up to 30 W**
- **Intelligent applicator** with therapy control buttons and therapy indicator light
- **The optical system** for setting spot size within the range of 10-30 mm

HIGH INTENSITY LASER SPECIFICATIONS



HIGH INTENSITY LASER

Model	BTL-6000 HIGH INTENSITY LASER 30 W
Part number	P043.003
Display	8.4" colour touch screen
Power	30 W
Wavelength	1064 nm
Frequency	1 Hz-20 kHz
Duty factor	25%-75%
Emission modes	Continuous, Pulsed, Superpulse, Triangular, Sequence, Single Pulse
Application area	1-500 cm²
Preset protocols	43
Standard accessories	2 safety eyewear, optical zoom attachment, applicator holder

Optional accessories

Part number P6000.210	Transportation case
Part number P6000.211	BTL-6000 Trolley
Part number P451.002	Scanning System Elite
Part number P043.014	Footswitch
Part number P5100.009	Patient cups for facial treatment

ROBOTIC SCANNING SYSTEM

Model	SCANNING SYSTEM ELITE
Part number	P451.004
Display	7" colour touch screen
Application area	25-1225 cm²
Preset protocols	37
Features	Patient Position Control Thermal Perception Scan Thermal Camera Thermal Graph
Standard accessories	Trolley for Scanning System, Patient emergency button



TR-THERAPY

WHERE TECHNOLOGY EMBRACES THE HUMAN TOUCH

At first glance, TR-Therapy is all about the combination of the **therapist's manual skills and tissue-selective heating** through radiofrequency current. High-frequency electromagnetic energy penetrates the human body and causes deep tissue hyperthermy to relieve muscle pain, release trigger points and regenerate muscles. TR-Therapy also allows for athermic treatment that makes it suitable for post-traumatic edemas or hematomas.

The procedure with **TR-THERAPY** is:

- Giving you the opportunity to boost your manual skills.
- **Expanding your addressable patient population** with
 - myofascial syndromes
 - post-traumatic edemas
 - soft tissue injuries



TR-THERAPY

HIGHLIGHTS

TR-Therapy Concept

- Perform conventional therapies with a **single applicator**
- **Static applications** help you create muscle workouts, as well as engage your hands to treat a large array of body parts
- Guide the current pathway and maximize therapeutic effects with **bipolar application**

Applicators

- **Tissue selectivity** with capacitive and resistive mode
- 2 ergonomic applicators to fit **any handgrip**

Intelligent features

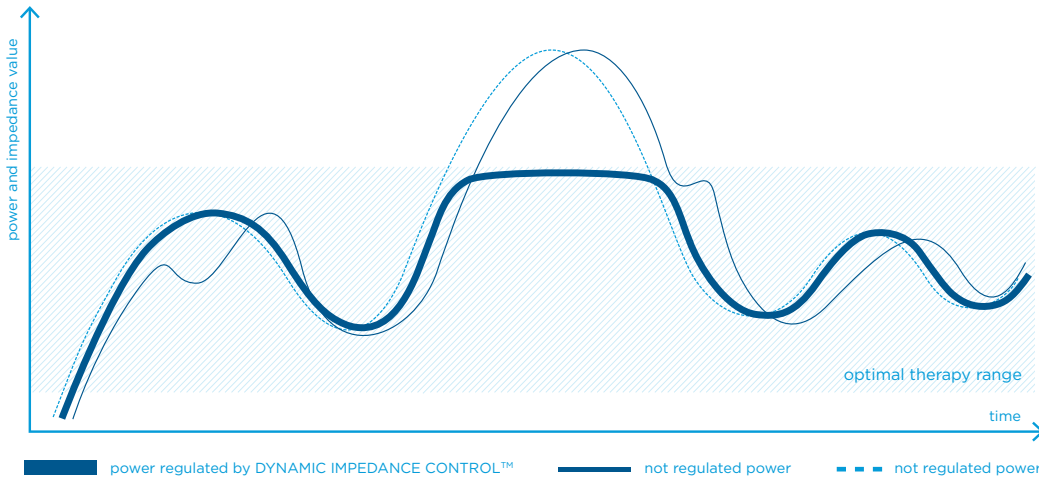
- Audiovisual **contact control**
- The only device on the market equipped with a safety feature **Dynamic Impedance Control™**

Parameters

- Power of up to **320 W**
- Frequency 480-520 kHz

Additional features

- Intuitive **colour touch screen**
- **Presets** with encyclopaedia



DYNAMIC IMPEDANCE CONTROL™ measures tissue impedance throughout the whole therapy and adjusts the power to fit the exact characteristics of the treated tissue.

TR-THERAPY CONCEPT

Conventional applications



Cervicobrachial syndrome



Low back pain



Knee pain

Static applications



Low back pain



Hamstrings stretching



Lunge

Bipolar applications



Shoulder pain



Myofascial syndrome



Muscle rupture

TR-THERAPY SPECIFICATIONS



TR-THERAPY

Model	BTL-6000 TR-THERAPY ELITE	BTL-6000 TR-THERAPY PRO
Part number	P6000.501	P6000.502
User interface	8.4" colour touch screen	5.7" colour touch screen
QUICK protocols	•	
Body Parts navigation	•	
Preset protocols	•	•
User-defined protocols	•	
Patient database	•	•
Maximum power	320 W	150 W
Operating frequency	480-520 kHz	
Modes	Continuous, pulsed	
Outputs	For capacitive/resistive/neutral electrode	
Capacitive electrodes	4 sizes (20, 30, 50, 70 mm)	
Resistive electrodes	4 sizes (20, 30, 50, 70 mm)	
Neutral electrode	Metallic (160×240 mm)	
Standard accessories	Capacitive applicator, resistive applicator, 4 capacitive electrodes, 4 resistive electrodes, 1 neutral electrode, RF cream 1 l, 2 applicator holders	Patient cable for capacitive electrode, patient cable for resistive electrode, 2 patient cable holders, 4 capacitive electrodes, 4 resistive electrodes, 1 neutral electrode, RF cream 1 l

Optional accessories

Part number P6000.211	Plastic trolley	Part number P6000.519	Patient cable (for capacitive electrode)
Part number P6000.521	Adhesive neutral electrode	Part number P6000.539	Patient cable (for resistive electrode)
Part number P6000.210	Transportation case	Part number P6000.511	Set of capacitive electrodes (20, 30, 50, 70 mm)
Part number P6000.520	RF cream	Part number P6000.512	Capacitive electrode 20 mm
Part number P6000.523	Adhesive electrode for static application	Part number P6000.513	Capacitive electrode 30 mm
Part number P2000.002	Holder for RF cream for Plastic trolley	Part number P6000.515	Capacitive electrode 50 mm
Part number P6000.542	Holder for neutral electrode for Plastic trolley	Part number P6000.517	Capacitive electrode 70 mm
Part number P6000.541	Set of holders for the applicators	Part number P6000.531	Set of resistive electrodes (20, 30, 50, 70 mm)
Part number P6000.540	Set of holders for the patient cables	Part number P6000.532	Resistive electrode 20 mm
Part number P6000.524	Patient cable for static application	Part number P6000.533	Resistive electrode 30 mm
Part number P6000.529	Patient cable for neutral electrode	Part number P6000.535	Resistive electrode 50 mm
Part number P6000.510	Capacitive applicator	Part number P6000.537	Resistive electrode 70 mm
Part number P6000.530	Resistive applicator		



SUPER INDUCTIVE SYSTEM

TAKING VERSATILITY TO THE NEXT LEVEL

BTL's Super Inductive System uses a **high-intensity electromagnetic field** to treat painful conditions of the neuromuscular and joint-skeletal systems. The intense electromagnetic field **depolarizes nerves** and causes muscle contractions. Super Inductive System is intended for acute and chronic pain, muscle relaxation and stimulation, release of joint blockages or to support fracture healing.

SUPER INDUCTIVE SYSTEM is an operator-free procedure that:

- Saves you time
- Is applicable over clothing
- Has zero consumables and disposables
- **Expanding your addressable patient population** with
 - acute and chronic pain
 - joint blockages and fractures
 - muscle weakness and spasticity



SUPER INDUCTIVE SYSTEM

HIGHLIGHTS

Parameters

- The frequency range of **1-150 Hz** allows coverage of a wide spectrum of indications
- Electromagnetic field intensity of **2.5 Tesla** triggers strong muscle contractions and contributes to pain management
- The highest intensity of stimulation of **28 kT/s**
- Wide range of frequency and amplitude **modulations** for maximized therapeutic efficiency

Patented technology

- **Cool-Flow technology** ensures continuous use of the device when treating multiple patients consecutive

Additional features

- Intuitive **colour touch screen**
- **Presets** with encyclopaedia

**100% INTENSITY IN
CONTINUOUS USE**

OPERATOR-FREE PROCEDURE

Acute and chronic pain



Therapy covers all stages of pain

Muscle weakness



Treats muscle weakness due to nerve impairment or even post-surgical atrophy

Fracture



Apply even over the cast during immobilization phase to prevent muscle atrophy

Joint mobilization



Gentle yet effective joint mobilization enhances manual medicine techniques

Spasticity



Can be combined with conventional physiotherapy methods or surgical interventions

Breathing enhancement



Reeducation of patients breathing stereotype

SUPER INDUCTIVE SYSTEM SPECIFICATIONS



SUPER INDUCTIVE SYSTEM

Model	BTL-6000 SUPER INDUCTIVE SYSTEM ELITE	BTL-6000 SUPER INDUCTIVE SYSTEM PRO*
Part number	P6000.901	P6000.900
User interface	8.4" colour touch screen	5.7" colour touch screen
QUICK protocols	•	
Body Parts navigation	•	
Preset protocols	•	•
User-defined protocols	•	•
Patient database	•	•
Intensity	up to 2.5 T (max. dB/dt 28 kT/s)	
Frequency	up to 150 Hz	up to 60 Hz
Standard accessories	Six-joint arm, applicator	

* For more information about availability, contact your local BTL branch or distributor.



THE BEST SOLUTION FOR

TR-THERAPY

Constantly hearing from your patients that they are tired and their muscles feel very stiff? TR-THERAPY:

- Relieves muscle pain and soreness
- Eliminates muscle fatigue
- Regenerates muscles



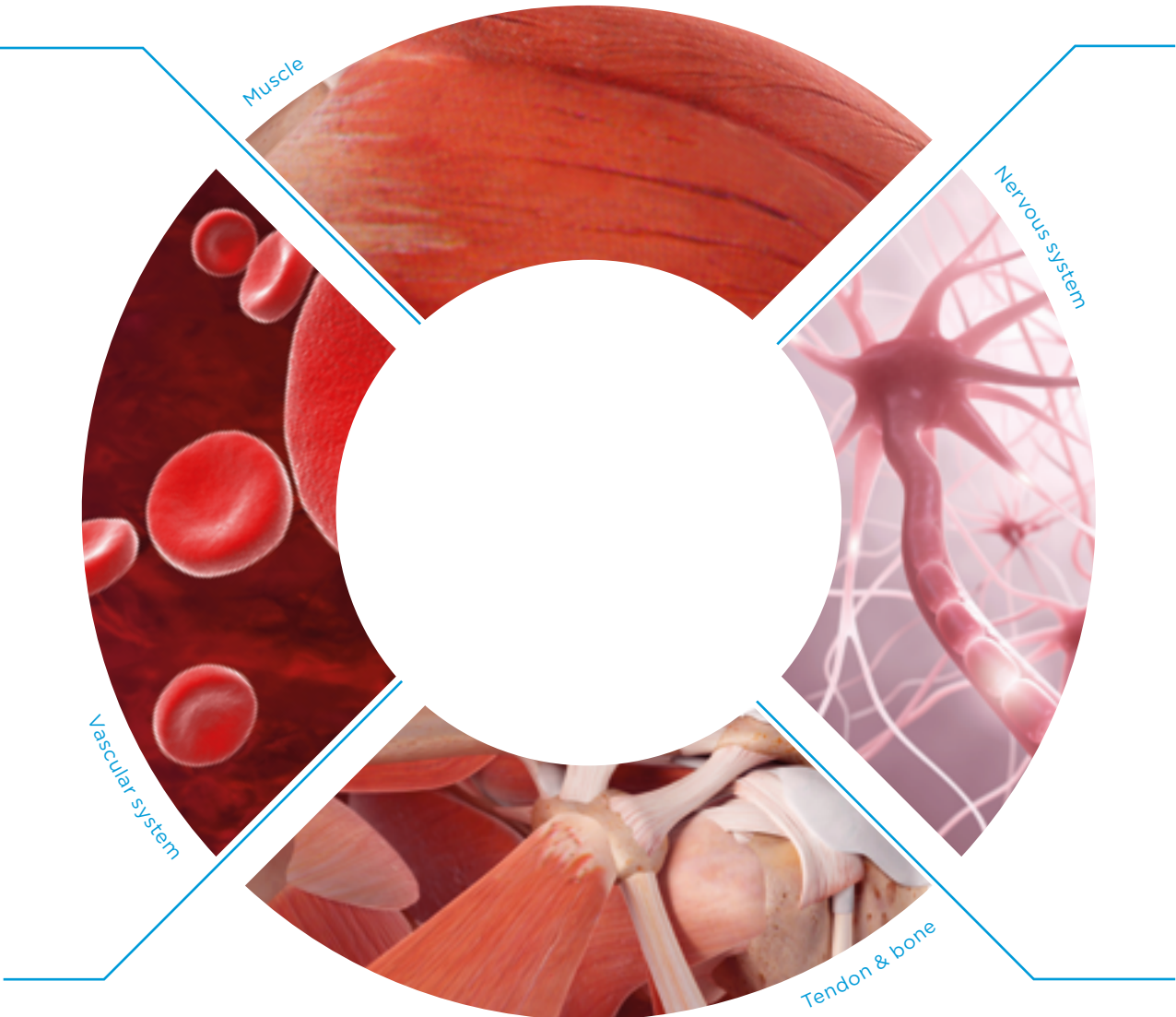
HIGH INTENSITY LASER

Are your patients shortly released from surgery or injured? Do you want to help them recover faster? Did you know that our HIGH INTENSITY LASER and ROBOTIC SCANNING SYSTEM speed up healing through a natural process of energy transfer on a cellular level called biostimulation? This contributes to healing and tissue regeneration in:

- Acute pain
- Muscle strain
- Joint sprain
- Muscle injury



ANY OF YOUR PATIENTS



SUPER INDUCTIVE SYSTEM

Nerve damage can significantly decrease your patients' quality of life. Help them restore nerve function and overcome their pain with the SUPER INDUCTIVE SYSTEM using the high-intensity electromagnetic field energy.

- Blocked back
- Muscle strengthening
- Fractures
- Recovery after a stroke



SHOCKWAVE THERAPY

Chronic pain will not limit your patients anymore. Degenerative processes in tendons lead to their stiffness which is hard to address with manual techniques or stretching. SHOCKWAVE THERAPY provides fast pain relief and mobility restoration through mechanical stimulation in:

- Shoulder pain
- Tennis elbow
- Runner's knee
- Achilles tendon
- Heel pain



A SOLUTION FOR ANY OF YOUR PATIENTS

EXPLANATION	RADIAL SHOCKWAVE THERAPY	FOCUSED SHOCKWAVE THERAPY	HIGH INTENSITY LASER	TR-THERAPY	SUPER INDUCTIVE SYSTEM
Energy	divergent acoustic wave	convergent acoustic wave	laser light	radiofrequency current	electromagnetic field
Mechanism of action	superficial mechanical stimulation	deep mechanical stimulation	laser biostimulation	thermic effect	nerve depolarization
Key tissue	tendon	tendon, bone	cellular repair	muscle	nerve
Medical effect	healing start-up in superficial tendinopathies, chronic pain management	elimination of calcifications, healing of bone non-unions and tendinopathies at tendon-bone junction	healing of acute injuries anti-inflammatory effect acute pain management	muscle spasm relaxation muscle regeneration oedema removal	joint mobilization muscle stimulation and relaxation pain management
Penetration depth	up to 5 cm, maximum intensity spread superficially	adjustable depth of focal zone within range 0–35 mm, 15–50 mm, 30–65 mm	up to 10 cm	anywhere between electrodes	up to 10 cm
Application	manual	manual	operator free/manual	manual	operator free
Patient perception	pressure sensation up to mild discomfort	pressure sensation up to mild discomfort	intense heat	intense heat	muscle contraction or tingling
Medical branch	orthopaedics, PRM*, PT**	orthopaedics, PRM	orthopaedics, PRM, PT, sports medicine	PT, sports medicine	orthopaedics, PRM, neurology, PT
Application limits	any acute stage, spine area, head area	any acute stage, spine area, head area, organs with gas content	sensory deficit, safety requirements	sensory deficit, experienced manual therapist	head area, metal and electronic implantable devices
Disposables	shell, gel	pads, gel	none	cream, single-use electrode (optional)	none
Number of treatments	10 sessions	5 sessions	5–10 sessions	5–10 sessions	5–10 sessions
Application frequency	up to twice a week	once a week	up to daily	up to daily	up to daily
Treatment duration	10 min	5 min	5–15 min	minimally 15 min	up 10 min

*PRM (Physical and rehabilitation medicine)

**PT (Physical therapist)

NO 2 PATIENTS ARE ALIKE

INDICATION	RADIAL SHOCKWAVE THERAPY	FOCUSED SHOCKWAVE THERAPY	HIGH INTENSITY LASER	TR-THERAPY	SUPER INDUCTIVE SYSTEM
Acute back pain	N/A*	N/A	1 st CHOICE	OPTIONAL	2 nd CHOICE
Chronic back pain	OPTIONAL	OPTIONAL	OPTIONAL	1 st CHOICE	2 nd CHOICE
Degenerative joint disorder	2 nd CHOICE	1 st CHOICE	OPTIONAL	OPTIONAL	OPTIONAL
Joint sprains	N/A	N/A	1 st CHOICE	OPTIONAL	2 nd CHOICE
Degenerative disorder of spine	N/A	N/A	2 nd CHOICE	OPTIONAL	1 st CHOICE
Rheumatoid diseases	N/A	N/A	1 st CHOICE	OPTIONAL	2 nd CHOICE
Calcifications	2 nd CHOICE	1 st CHOICE	OPTIONAL	OPTIONAL	OPTIONAL
Enhancement of fracture healing	N/A	2 nd CHOICE	OPTIONAL	N/A	1 st CHOICE
Bone non-union	N/A	1 st CHOICE	N/A	N/A	N/A
Joint blockage	N/A	N/A	OPTIONAL	2 nd CHOICE	1 st CHOICE
Muscle atrophy	N/A	N/A	N/A	2 nd CHOICE	1 st CHOICE
Muscle hypertonus	2 nd CHOICE	OPTIONAL	OPTIONAL	1 st CHOICE	OPTIONAL
Muscle regeneration	OPTIONAL	OPTIONAL	2 nd CHOICE	1 st CHOICE	OPTIONAL
Muscle injury	N/A	N/A	1 st CHOICE	2 nd CHOICE	OPTIONAL
Myofascial syndrome	2 nd CHOICE	OPTIONAL	OPTIONAL	1 st CHOICE	OPTIONAL
Spasticity	2 nd CHOICE	2 nd CHOICE	OPTIONAL	OPTIONAL	1 st CHOICE
Tendinopathy	1 st CHOICE**	1 st CHOICE***	OPTIONAL	OPTIONAL	OPTIONAL
Nerve damage	N/A	N/A	2 nd CHOICE	OPTIONAL	1 st CHOICE
Sports injuries	N/A	N/A	1 st CHOICE	2 nd CHOICE	OPTIONAL
Post-traumatic oedemas	N/A	N/A	2 nd CHOICE	1 st CHOICE	OPTIONAL

*N/A (Not applicable)

** 1st choice in superficial tendinopathies

***1st choice in deep tendinopathies

BTL-4000 SMART & PREMIUM

ESSENTIALS FOR REHABILITATION & PHYSIOTHERAPY

BTL-4000 is highly advanced system that includes all four modalities: **electrotherapy, ultrasound, low-level laser therapy and magnetotherapy**. The outstanding parameters and exceptionally wide range of applicators and accessories make this system an ideal choice for any modern office.

BTL-4000 SMART & PREMIUM

- Allows treatment delivery for up to **3 different modalities in one device**
- Covers a wide spectrum of indications



ELECTROTHERAPY

The BTL-4000 Series is available in two models, the **BTL-4000 SMART** and the **BTL-4000 PREMIUM**. Both models feature two-channel electrotherapy with **the widest selection of waveforms** in the industry for various conditions.

HIGHLIGHTS

- E-PIR
- Spastic stimulation
- Electrodiagnostics
- High Voltage therapy
- Suitable for combined therapy
- Optional trolley
- Optional vacuum unit



BTL-4000 PREMIUM

- QUICK protocols
- Body Parts navigation
- 7" colour touch screen
- Presets with encyclopaedia
- Patient database
- Portable
- Optional battery operated
- Optional vacuum unit



BTL-4000 SMART

- 4.3" colour touch screen
- Presets with encyclopaedia
- Portable
- Optional battery operated
- Optional vacuum unit

ACCESSORIES FOR BTL-4000 SMART / PREMIUM



Rubber electrodes



Vacuum electrodes



Adhesive electrodes

ELECTROTHERAPY SPECIFICATIONS



BTL-4000 SMART & PREMIUM ELECTROTHERAPY

Model	BTL-4620 Smart	BTL-4625 Smart	BTL-4620 Premium	BTL-4625 Premium
Part number	P2620.401	P2625.402	P2620.701	P2625.701
User interface	4.3" colour touch screen	4.3" colour touch screen	7" colour touch screen	7" colour touch screen
Knob			•	•
QUICK protocols			•	•
Body Parts navigation			•	•
Patient database			•	•
Electrotherapy channels	2	2	2	2
Standard accessories	2 electrode connection cables in light grey and dark grey, 4 flat rubber electrodes 5x7 cm, sponge covers, set of fixation straps			
Electrodiagnostics		•		•
Galvanic	•	•	•	•
Diadynamic	•	•	•	•
Träbert	•	•	•	•
Faradic	•	•	•	•
Neofaradic	•	•	•	•
Exponential pulses	•	•	•	•
Exponential pulses with rise	•	•	•	•
Rectangular pulses	•	•	•	•
Russian stimulation	•	•	•	•
Stimulation pulses	•	•	•	•
Trapezoid pulses	•	•	•	•
Triangular pulses	•	•	•	•
Combined pulses	•	•	•	•
Interrupted pulses		•		•
TENS	•	•	•	•
NPHV	•	•	•	•
Sequence	•	•	•	•
2-pole interference	•	•	•	•
4-pole interference	•	•	•	•

Model	BTL-4620 Smart	BTL-4625 Smart	BTL-4620 Premium	BTL-4625 Premium
Isoplanar and vector field		•		•
Leduc current		•		•
H-waves		•		•
Microcurrent		•		•
Mid-frequency surges		•		•
Spastic stimulation – Hufschmidt		•		•
Spastic stimulation – Jantsch		•		•
HVT		•		•
IG pulses		•		•
Modulated pulsed current		•		•
VMS current		•		•
Kotz current		•		•
EPIR		•		•

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 (only available in selected countries)
Part number P5600.011	Bipolar rectal electrode (only available in selected countries)
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

VACUUM UNIT

Model	BTL-Vac II
Part number (in-built in the BTL Trolley)	PVAC.200
Part number (tabletop option)	PVAC.207
Number of outputs	2
Modes	Continuous, pulsed
Pulse frequency	5, 10, 15, 20 pulses/minute
Weight	1.9 kg



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 (only available in selected countries)
Part number P2000.006	Carry bag
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium
Part number PVAC.207	BTL-Vac II - tabletop version for BTL-4000 Smart/Premium & BTL-5000
Part number P2000.010	Paper roll holder for for Plastic trolley for BTL-4000 Smart/Premium
Part number P2000.012	Handle

ULTRASOUND

HandsFree Sono® uses Rotary Field Technology that sequentially activates multiple ultrasound crystals and automatically monitors their rotation speed, output power and depth of penetration.

HIGHLIGHTS

- Saving the operator's time and effort with HandsFree Sono®
- Ergonomic heads with visual patient contact indicator
- Suitable for combined therapy
- Preheated multi-frequency applicators
- Optional trolley



Manual application



Automated application



BTL-4000 PREMIUM

- Optional HandsFree Sono® applicator
- Heated ultrasound heads
- Simultaneous treatment with 1 and 3 MHz
- QUICK protocols
- Body Parts navigation
- 7" colour touch screen
- Presets with encyclopaedia
- Patient database
- Portable
- Optional battery operated



BTL-4000 SMART

- Optional HandsFree Sono® applicator
- Heated ultrasound heads
- Simultaneous treatment with 1 and 3 MHz
- 4.3" colour touch screen
- Presets with encyclopaedia
- Patient database
- Portable
- Optional battery operated

ACCESSORIES FOR BTL-4000 SMART / PREMIUM



Handsfree Sono 6



Handsfree Sono 4



Ultrasound head 5 cm²



Ultrasound head 1 cm²

ULTRASOUND SPECIFICATIONS



BTL-4000 SMART & PREMIUM ULTRASOUND		
Model	BTL-4710 SMART	BTL-4710 PREMIUM
Part number	P2710.401	P2710.701
User interface	4.3" colour touch screen	7" colour touch screen
Knob		•
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	5-100%	5-100%
Modes	Continuous, pulsed	Continuous, pulsed
Max. intensity in continuous/pulsed mode	2 W/cm²/3 W/cm²	2 W/cm²/3 W/cm²
Standard accessories	Ultrasound head 5 cm², gel 300 ml	

Optional accessories

Part number P2700.004	HandsFree Sono 6 crystals (including 3 fixation straps)
Part number P2700.003	HandsFree Sono 4 crystals (including 3 fixation straps)
Part number P2700.002	Ultrasound head 5 cm²
Part number P2700.001	Ultrasound head 1 cm²
Part number P007.011	Ultrasound gel 1 l
Part number P007.010	Ultrasound gel 300 ml
Part number P2000.005	Battery pack (available only in selected countries)
Part number P2000.006	Carry bag
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series
Part number P2700.008	Plastic holder for HandsFree Sono
Part number P2700.005	Set of fixation straps for HandsFree Sono (3 pairs)
Part number P2700.006	Magnetic frame for HandsFree Sono 4
Part number P2700.007	Magnetic frame for HandsFree Sono 6
Part number P2000.010	Paper roll holder for for Plastic trolley for BTL-4000 Smart/Premium
Part number P2000.012	Handle



LOW-LEVEL LASER THERAPY

Both the BTL-4000 Smart and the BTL-4000 Premium Lasers have **a wide spectrum of powerful applicators** with two types of wavelengths and adjustable intensity levels. The laser modules can address most biological effects required from laser therapy, while reaching maximum treatment efficacy.

HIGHLIGHTS

- Two outputs for simultaneous connection of laser applicators
- Wide range of red, infrared and combined laser probes and clusters
- Continuous and pulsed emission modes
- Automatic recalculation of therapy parameters
- Presets for laser acupuncture
- Optional trolley



BTL-4000 PREMIUM

- QUICK protocols
- Body Parts navigation
- 7" colour touch screen
- Presets with encyclopaedia
- Patient database
- Portable
- Optional battery operated



BTL-4000 SMART

- 4.3" colour touch screen
- Presets with encyclopaedia
- Portable
- Optional battery operated

ACCESSORIES FOR BTL-4000 SMART / PREMIUM



Laser cluster



Infrared laser probe



Red laser probe

LOW-LEVEL LASER SPECIFICATIONS



BTL-4000 SMART & PREMIUM LOW-LEVEL LASER		
Model	BTL-4110 SMART	BTL-4110 PREMIUM
Part number	P2110.401	P2110.701
User interface	4.3" colour touch screen	7" colour touch screen
Knob		•
QUICK protocols		•
Body Parts navigation		•
Patient database		•
Number of probes simultaneously connected	2	2
Modes	Continuous/pulsed	Continuous/pulsed
Dosage	0.1-100 J/cm ²	0.1-100 J/cm ²
Frequency	0-10 000 Hz	0-10 000 Hz
Therapy area	0.1-100 cm ²	0.1-100 cm ²
Duty factor	35-90%, 100%	35-90%, 100%
Laser class	3b	3b
Standard accessories	Holder for laser probe	

Optional accessories	
Part number L458.211	Probe 685nm/30mW
Part number L458.212	Probe 685nm/50mW
Part number L458.201	Probe with additional light 830nm/50mW
Part number L458.202	Probe with additional light 830nm/100mW
Part number L458.203	Probe with additional light 830nm/200mW
Part number L458.204	Probe with additional light 830nm/300mW
Part number L458.205	Probe with additional light 830nm/400mW
Part number L455.201	Red laser cluster - 4x 685nm/50mW, 13x 470nm/16mW (blue light), total continual laser output power 200mW
Part number L455.202	Infrared laser cluster - 4x 830nm/200mW, 13x 470nm/16mW (blue light), total continual laser output power 800mW
Part number L455.203	Infrared laser cluster - 4x 830nm/325mW, 13x 470nm/16mW (blue light), total continual laser output power 1300mW
Part number L455.204	Combined (red and infrared) laser cluster - 4x 685nm/50mW, 4x 830nm/200mW, 13x 470nm/16mW (blue light), total continual laser output power 1000mW
Part number L455.205	Combined (red and infrared) laser cluster - 4x 685nm/50mW, 4x 830nm/325mW, 13x 470nm/16mW (blue light), total continual laser output power 1500mW

Additional accessories	
Part number P5100.008	Safety eyewear, protection level L3 or higher, plastic
Part number L449.005	Holder for optical attachment
Part number L449.006	Optical attachment for dentistry
Part number L449.007	Optical attachment for ENT
Part number L449.008	Optical attachment for gynaecology
Part number L449.009	Optical attachment for gynaecology with rounded end
Part number P2000.005	Battery pack (available only in selected countries)
Part number P2000.006	Carry bag
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series
Part number P2000.012	Handle



MAGNETOTHERAPY

Both 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. All of them are equipped with unique **FMF Technology™** that 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.

HIGHLIGHTS

- Pulsed Magnetic Field in rectangular, exponential, sine and triangular pulses
- User-defined series of magnetic pulses
- Comfortable and lightweight applicators
- Optional trolley



BTL-4000 PREMIUM

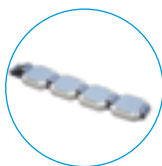
- Up to 4-channel magnetotherapy units
- QUICK protocols
- Body Parts navigation
- 7" colour touch screen
- Presets with encyclopaedia
- Patient database



BTL-4000 SMART

- Up to 4-channel magnetotherapy units
- 4.3" colour touch screen
- Presets with encyclopaedia

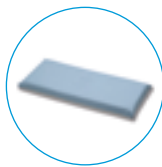
ACCESSORIES FOR BTL-4000 SMART / PREMIUM



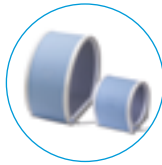
From single to multi disc applicators



Applicator ring



Linear applicator



Solenoid
30 cm & 60 cm



Couch with
magnetotherapy applicator

MAGNETOTHERAPY SPECIFICATIONS



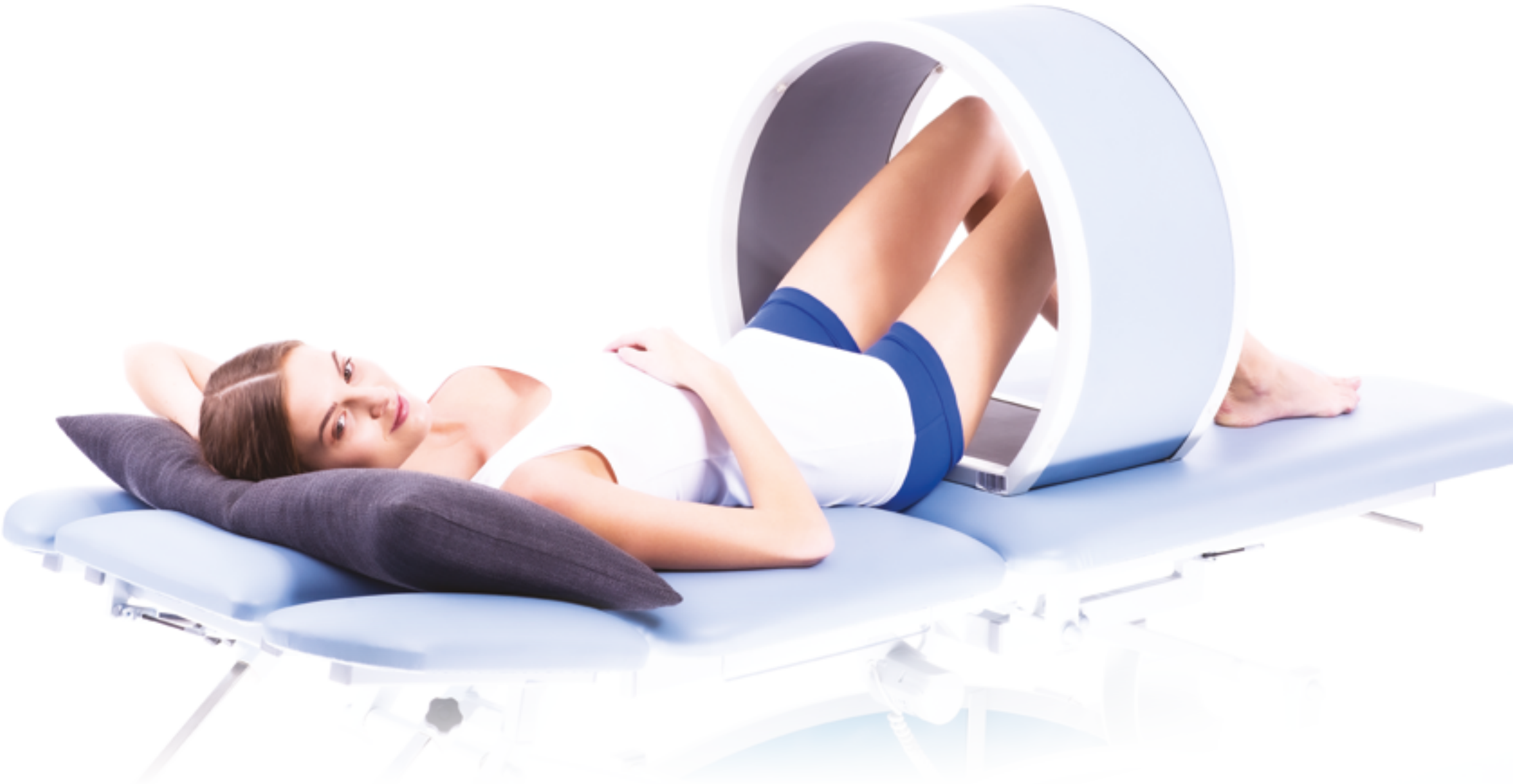
BTL-4000 SMART & PREMIUM MAGNETOTHERAPY

Model	BTL-4920 SMART	BTL-4940 SMART
Part number	P2920.401	P2940.401
User interface	4.3" colour touch screen	4.3" colour touch screen
Number of output channels	2	4
Maximum intensity of magnetic field	128 mT	128 mT
Frequency range	0-166 Hz	0-166 Hz

Model	BTL-4920 PREMIUM	BTL-4940 PREMIUM
Part number	P2920.701	P2940.701
User interface	7" colour touch screen	7" colour touch screen
Knob	•	•
QUICK protocols	•	•
Body Parts navigation	•	•
Patient database	•	•
Number of output channels	2	4
Maximum intensity of magnetic field	128 mT	128 mT
Frequency range	0-166 Hz	0-166 Hz

Optional 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 P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series
Part number P5900.013	Applicator ring	Part number P5900.021	Magnetotherapy couch chain with cable for BTL-4000/5000
Part number P5900.017	Couch with magnetotherapy applicator (Solenoid 70 cm)		



BTL-5000 SERIES

UNIQUE MODULAR SYSTEM

The **BTL-5000 SERIES** represents a modular system embracing electrotherapy, ultrasound, low-level laser therapy and magnetotherapy.

Select the modalities you currently need, and later, as your practice grows, **upgrade** your BTL-5000 with other modalities.

BTL-5000 SERIES

- Allows treatment delivery for up to **4 patients at the same time**
- Covers a wide spectrum of indications



ELECTROTHERAPY

The **BTL-5000 Series** offers up to four-channel electrotherapy units including a full range of low and medium frequency waveforms and their modifications.

HIGHLIGHTS

- Available for later upgrade
- Full range of low and medium frequency waveforms and their modifications
- Optional High Voltage therapy
- Suitable for combination therapy
- Optional vacuum unit
- Optional trolley



BTL-5645 PULS

- 4 independent electrotherapy channels
- 5.7" colour touch screen
- Presets with encyclopaedia
- Patient database



BTL-5625 PULS

- 2 independent electrotherapy channels
- 5.7" colour touch screen
- Presets with encyclopaedia
- Patient database

ACCESSORIES FOR BTL-5000 PULS



Rubber electrodes



Vacuum electrodes



Adhesive electrodes

ELECTROTHERAPY SPECIFICATIONS



BTL-5000 PULS

Model	BTL-5620 PULS	BTL-5625 PULS	BTL-5640 PULS	BTL-5645 PULS
Part number	P5620.101	P5625.101	P5640.103	P5645.103
User interface	5.7" colour touch screen	5.7" colour touch screen	5.7" colour touch screen	5.7" colour touch screen
Patient database	•	•	•	•
Electrotherapy channels	2	2	4	4
Electrodiagnostics		•		•
Waveforms*	basic	extended	basic	extended

*basic: galvanic, DD currents, Träbert, Faradic, Neofaradic, pulses: exponential, exponential with rise, rectangular, stimulation, triangular, combined; Russian stimulation, TENS, sequence, 2-pole IF, 4-pole IF

*extended: basic, trapezoid pulses, isoplanar and vector field, interrupted pulses, Leduc current, H-waves, mid-frequency surges, spastic stimulation-Hufschmidt (for BTL-5625 Puls **extended+microcurrent)

Optional accessories

Part number P5600.007	Electrode 7×5 cm - 2 mm input
Part number P5600.008	Electrode 12×8 cm - 2 mm input
Part number P006.014	Sponge cover for electrodes 7×5 cm
Part number P006.016	Sponge cover for electrodes 12×8 cm
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 P5600.014	Ball-point attachment - 2 mm in diameter
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series
Part number P5600.015	Ball-point attachment - 6 mm in diameter
Part number P5600.001	Patient cable for electrotherapy BTL-5000
Part number P5600.002	Dual patient cable for electrotherapy BTL-5000
Part number P5600.003	1 pair of electrode connection cables for electrotherapy light grey, 1.2 m
Part number P5600.004	1 pair of electrode connection cables for electrotherapy dark grey, 1.2 m
Part number P5600.024	Set of fixation straps for electrodes, 4 pairs (1x long, 1 mid-sized, 2 short)
Part number P5600.013	Holder for ball-point electrode for BTL-5000
Part number P5600.017	High-voltage therapy (HVT) set for BTL-5000 Series
Part number PVAC.207	BTL-Vac II - tabletop version for BTL-4000 Smart/ Premium & BTL-5000
Part number P5000.004	Upgrade module "Electrotherapy Puls" for BTL-5000 electrotherapy
Part number P5600.010	Bipolar vaginal electrode (only available in selected countries)
Part number P5600.011	Bipolar rectal electrode (only available in selected countries)
Part number P2000.012	Handle



ULTRASOUND

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 audiovisual contact control.

HIGHLIGHTS

- Available for later upgrade
- Suitable for combination therapy
- Ergonomic heads with visual patient contact indicator
- Multi-frequency applicators with 1 and 3 MHz
- Optional trolley



BTL-5710 SONO

- 1-channel ultrasound
- Simultaneous connection of 2 ultrasound heads
- 5.7" colour touch screen
- Presets with encyclopaedia
- Patient database



BTL-5720 SONO

- 2-channel ultrasound
- Simultaneous connection of 4 ultrasound heads
- 5.7" colour touch screen
- Presets with encyclopaedia
- Patient database

ACCESSORIES FOR BTL-5000 SONO



Ultrasound head 5 cm²



Ultrasound head 1 cm²

ULTRASOUND SPECIFICATIONS



BTL-5000 SONO		
Model	BTL-5720 SONO	BTL-5710 SONO
Part number	P5720.102	P5710.102
User interface	5.7" colour touch screen	5.7" colour touch screen
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%
Modes	Continuous, pulsed	Continuous, pulsed
Max. intensity in continuous/pulsed mode	2 W/cm²/3 W/cm²	2 W/cm²/3 W/cm²
Standard accessories	2 x ultrasound head 5 cm², gel 300 ml, left and right holder for accessories	Ultrasound head 5 cm², gel 300 ml, left and right holder for accessories

Optional accessories	
Part number P5700.001	Multifrequency ultrasound head 1 cm² for BTL-5000
Part number P5700.002	Multifrequency ultrasound head 5 cm² for BTL-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 P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series
Part number P2000.007	Ultrasound/laser applicator holder for plastic trolley
Part number P2000.012	Handle



LOW-LEVEL LASER THERAPY

The BTL-5000 Series offers a wide range of **infrared and red** probes and clusters for laser therapy with power of up to **1800 mW**.

HIGHLIGHTS

- 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
- Optional trolley



BTL-5110 LASER

- 1-channel laser
- Simultaneous connection of 2 applicators
- 5.7" colour touch screen
- Presets with encyclopaedia
- Patient database
- Optional trolley



ACCESSORIES FOR BTL-5000 LASER



Laser cluster



Infrared laser probe



Red laser probe

LOW-LEVEL LASER SPECIFICATIONS



BTL-5000 LASER	
Model	BTL-5110 LASER
Part number	P5110.102
User interface	5.7" colour touch screen
Patient database	•
Number of independent channels	1
Number of applicators simultaneously connected	2
Modes	Continuous, pulsed
Dosage	0.1-100 J/cm²
Frequency	0-10 000 Hz
Therapy area	0.1-100 cm²
Duty factor	35-90%, 100%
Laser class	3b
Standard accessories	Left and right holder for accessories

Optional accessories	
Part number P5100.008	Safety eyewear, protection level L3 or higher, plastic
Part number L449.006	Optical attachment for dentistry
Part number L449.007	Optical attachment for ENT
Part number L449.008	Optical attachment for gynaecology
Part number L449.009	Optical attachment for gynaecology with rounded end
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series
Part number L449.005	Holder for optical attachment
Part number P2000.007	Ultrasound/Laser applicator holder for Plastic trolley
Part number L448.000	Probe 685nm/30mW
Part number L448.020	Probe 685nm/50mW
Part number L448.004	Probe with additional light 830nm/50mW
Part number L448.005	Probe with additional light 830nm/100mW
Part number L448.006	Probe with additional light 830nm/200mW
Part number L448.007	Probe with additional light 830nm/300mW
Part number L448.010	Probe with additional light 830nm/400mW
Part number L445.001	Infrared cluster 830 nm/800 mW total output, blue navigation
Part number L445.002	Infrared cluster 830 nm/1600 mW total output, blue navigation
Part number L445.003	Red cluster 685 nm/200 mW total output
Part number L445.004	Combined cluster 685 nm & 830 nm/ 1000 mW total output, blue navigation
Part number L445.005	Combined cluster 685 & 835 nm/1800 mW total output, blue navigation
Part number P5100.003	Acupuncture set for BTL-5000
Part number P2000.012	Handle



MAGNETOTHERAPY

The magnetotherapy applicators are equipped with the **Focused Magnetic Field Technology™**. 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.

HIGHLIGHTS

- Available for later upgrade
- Focused Magnetic Field Technology™
- Pulsed Magnetic Field rectangular, exponential, sine and triangular pulses
- Comfortable and lightweight applicators
- Optional trolley



BTL-5920 MAGNET

- 2 independent magnetotherapy channels
- Simultaneous connection of 2 applicators
- 5.7" colour touch screen
- Presets with encyclopaedia
- Patient database



BTL-5940 MAGNET

- 4 independent magnetotherapy channels
- Simultaneous connection of 4 applicators
- 5.7" colour touch screen
- Presets with encyclopaedia
- Patient database

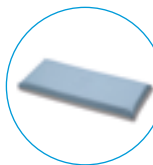
ACCESSORIES FOR BTL-5000 MAGNET



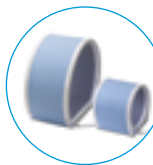
From single to multi disc applicators



Applicator ring



Linear applicator



Solenoid
30 cm & 60 cm



Couch with
magnetotherapy applicator

MAGNETOTHERAPY SPECIFICATIONS



BTL-5000 MAGNET

Model	BTL-5920 MAGNET	BTL-5940 MAGNET
Part number	P5920.101	P5940.101
User interface	5.7" colour touch screen	5.7" colour touch screen
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
Standard accessories	2 x extension cables for magnetotherapy applicators	4 x extension cables for magnetotherapy applicator

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
Part number P2000.001	Plastic trolley for BTL-4000 Smart/Premium, BTL-5000 Series
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 P5900.021	Magnetotherapy couch chain with cable for BTL-5000
Part number PB5900.001	Magnetotherapy upgrade set 2-channel Magnetotherapy for BTL-5000



COMBINED UNITS

BTL-4000 SMART & PREMIUM



					
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

BTL-5000 SERIES



					
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

CRYOTHERAPY

THE VERY FIRST HANDS-FREE EXPERIENCE

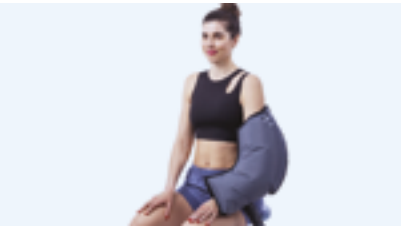
BTL introduces the first cryotherapy that provides traditional **dynamic therapy** techniques as well as **hands-free** options. Cryotherapy employs very low temperatures to **reduce inflammation, relax the muscles**, and **reduce pain**. Furthermore, cold and carefully dosed compression are combined in hands-free cryotherapy to reduce swelling in the afflicted region.

BTL CRYOTHERAPY is:

- Expanding your addressable patient population with
 - Pain conditions
 - Inflammatory conditions and Rheumatic diseases
 - Muscle spasms
 - Sports injuries
 - Post-surgery conditions
 - Multiple sclerosis and stroke-related hemiplegia

CRYOTHERAPY CONCEPT

Hands-free cryotherapy



Muscle strains or inflammatory conditions in upper extremities



Post-surgical shoulder conditions



Low-back pain

Dynamic cryotherapy



Flat stream nozzle for fascial techniques



Wrist pain



Knee pain

CRYOTHERAPY

HIGHLIGHTS

Parameters

- The first **hands-free** cryotherapy
- **Dynamic** cryotherapy
- High-performance cooling of **-35°C**

Sets

- **Hands-free application sleeves** for physiotherapy, orthopedics and sports medicine
- Various sizes of **nozzles** for basic and advanced dynamic cryotherapy applications

Additional features

- Intuitive **colour touch screen**
- **Presets**

HIGH-PERFORMANCE
COOLING UP TO **-35°C**



TECHNICAL SPECIFICATIONS



Model	BTL CRYOTHERAPY
Part number	005-PO22060-M
User interface	7.0" TFT LED backlight with capacitive touch panel
Preset protocols	•
User-defined protocols	•
Cooling temperature	-35°C
Coolant type	R452a
Airflow	1000l/min

Optional accessories

Part number 005-STANDHOSE-M	Standard hose	Part number 005-NOZZLEFS-M	Flat stream nozzle
Part number 005-LIGHTHOSE-M	Lightweight hose	Part number 005-BUCKETHOLD-U	Bucket holder
Part number 005-ARM-M	Therapy arm	Part number 005-FOCUSTIP-M	Focusing tip
Part number 005-SLEHFSET-M	Sleeves set - handsfree	Part number 005-LASPROCLAL-M	Large laser probe clamp (L)
Part number 005-SLESPSET-M	Sleeves set - sports	Part number 005-LASPROCLAM-M	Medium laser probe clamp (M)
Part number 005-SLEEVEANK-M	Ankle sleeve	Part number 005-LASPROCLAS-M	Small laser probe clamp (S)
Part number 005-SLEEVEELB-M	Elbow sleeve		
Part number 005-SLEEVEFLAT-M	Flat sleeve		
Part number 005-SLEEVECONM-M	Conical sleeve M		
Part number 005-SLEEVECONL-M	Conical sleeve L		
Part number 005-SLEEVEERING-M	Ring sleeve		
Part number 005-SLEEVELEG-M	Leg sleeve		
Part number 005-DOUBSLEEAD-M	Double sleeve adaptor		
Part number 005-SINGSLEEAD-M	Single sleeve adaptor		
Part number 005-NOZZLESET-M	Standard nozzles set		

TRACTION THERAPY

THE HELPING HAND IN MANUAL MEDICINE

BTL brings traction therapy, **an alternative** to manual medicine, that applies mechanical forces over the spine to relieve **chronic back pain**. The BTL traction therapy embraces all benefits needed to perform a conventional traction therapy. Starting from a comfortable patient set-up with an innovative belt system, the setting of different therapy parameters, to a sliding mechanism situated in the lower part of the traction couch, and automated overload detection.

The **TRACTION THERAPY** procedure is:

- Efficacious alternative to conventional manual medicine
- **Expanding your addressable patient population** with
 - chronic low back pain
 - chronic cervical pain



TRACTION THERAPY SPECIFICATIONS

BTL-6000 TRACTION THERAPY

Model	BTL-6000 TRACTION
Part Number	P096.001
User interface	5.7" colour touch screen
Modes	17
Traction force	0-100 kg
Traction speed	1-12 kg/s
Therapy time	1:00-99:59 min:sec
Hold time/Rest time	1-999 sec.
Standard accessories	Patient switch with holder, mounting kit

Optional accessories

Part number P096.010	Lumbar belt system
Part number P096.011	Cervical belt system
Part number T010.071-084	Stool with adjustable height
Part number T010.023	Half roll
Part number T010.024	Wedge
Part number P096.013	Wall mounting adapter - for cervical traction in sitting position



BTL TRACTION COUCH EASY

Model	BTL-1300 TRAC
Part Number	T013.011
No. of sections	3
Weight	110 kg
Load capacity	170 kg
Electrically adjustable height of couch	min. 490 mm, max. 970 mm
Electrically adjustable pelvic tilt	
Manually adjustable head section	-30° — 55°
Manually adjustable armrests	
Specification	3-section/ 1-motor
Asymmetric therapy adapter	
Electric height adjustment	•

Hand switch	•
Standard width (cm)	70
Horizontally movable foot section	•
Breathing hole	•
Upholstered insert	o
Retractable castors	o
Foot switch for height adjustment	o
Frame switch for height adjustment	o
Face pad	
Axilla posts	
Stool with adjustable height	o

• Standard | o Optional



BTL-CPMOTION™

CONTINUOUS PASSIVE MOTION THERAPY

Continuous Passive Motion (CPM) is used during **the first phase of rehabilitation** following lower limb joint surgeries or traumas. The BTL-CPMOTION device continuously and repeatedly moves the joint through a controlled range of motion.

The procedure with **BTL-CPMOTION** is:

- The most gentle and efficacious therapy increasing joint range of motion after surgery.
- **Expanding your addressable patient population** with
 - hip and knee joint replacements
 - arthrotomies and arthroscopies
 - ligament reconstructions and fracture surgical treatments

HIGHLIGHTS

Modules

- A single unit that allows for treatment of **all 3 leg joints**

Parameters

- **Precise real-time** patient's threshold angle setting
- **Faster movements** for improved therapy outcomes and/or decrease of therapy time

Therapy setting

- Click system settings with **no manual tightening** needed

Additional features

- Remote control with **touch screen**
- **Presets**

SINGLE UNIT FOR
ALL 3 LEG JOINTS



BTL-CPMOTION™ SPECIFICATIONS

CPMOTION™			
Model	BTL-CPMOTION™ K EASY	BTL-CPMOTION™ K PRO	BTL-CPMOTION™ K ELITE
Part number	P093.001	P093.002	P093.003
User interface	START/STOP remote control	Remote control with touch screen	Remote control with touch screen
Advanced therapy settings		•	•
Preset protocols		•	•
User-defined protocols		•	•
Ankle module		○	•
Ankle extension/flexion			25°/40°
Knee extension/flexion	-10°/123°		
Max. movement speed	380°/min		
Weight	11 kg	12 kg	14 kg
Standard accessories	START/STOP remote control	Remote control with touch screen	Ankle module, remote control with touch screen

• Standard | ○ Optional

Optional accessories	
Part number P093.015	Trolley
Part number P093.025	Transportation bag
Part number P093.012	Ankle upgrade
Part number P093.017	Trolley with adjustable height



DIATHERMY

DEEP TISSUE WARM-UP

Diathermy uses **high-frequency electromagnetic energy** that non-invasively penetrates into the human body and causes heat in the treated area. Diathermy increases blood flow, speeds up metabolism processes and changes the rheological properties of soft tissues.

Shortwave is based on the heating effect of capacitive or inductive applicators that induce local vasodilatation, muscle relaxation, and pain relief in degenerative and painful conditions of musculoskeletal system.

Microwave uses radiators that emit electromagnetic energy in the microwave frequency bands to generate moderate heat in the superficially lying tissues.

BTL SHORTWAVE is indicated in:

- Muscle spasms
- Back pain
- Tendinopathies
- Arthritis and other joint degenerative diseases

BTL MICROWAVE is indicated in:

- Muscular diseases and spasms
- Edemas
- Haematomas
- Pain relief

HIGHLIGHTS

SHORTWAVE DIATHERMY

Parameters

- Power of **up to 400 W** for **deep** tissue heating
- One-channel capacitive field
- One- or two-channel inductive field
- Continuous and pulsed modes

Additional benefits

- Intuitive colour touch screen
- **Presets** with a therapeutic encyclopaedia

MICROWAVE DIATHERMY

Parameters

- Power of up to **250 W**
- 1-channel
- Continuous mode

Additional benefits

- Intuitive colour touch screen
- **Presets** with encyclopaedia



DIATHERMY SPECIFICATIONS



BTL-6000 SHORTWAVE

Model	BTL-6000 SHORTWAVE 400	BTL-6000 SHORTWAVE 200
Part number	P6000.310	P6000.300
User interface	5.7" colour touch screen	5.7" colour touch screen
User-defined protocols	•	•
Channels	1 or 2 inductive/ 1 capacitive	1 or 2 inductive
Modes	Continuous, pulsed	Continuous, pulsed
Power	400 W pulsed, 200 W continuous	200 W pulsed, 100 W continuous
Pulse frequency	50-1500 Hz	50-1500 Hz
Pulse length	50-2000 µs	50-2000 µs
Standard accessories	Trolley	Trolley

Optional accessories

BTL-6000 Shortwave 400

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

BTL-6000 Shortwave 400 & Shortwave 200

Part number P6000.334	Set of basic accessories for inductive application: 6-joint holding arm (right), inductive applicator 140 mm with cable
Part number P6000.321	Inductive applicator 140 mm
Part number P6000.320	Inductive applicator 80 mm
Part number P6000.330	Right arm including arm holder
Part number P6000.331	Left arm



BTL-6000 MICROWAVE

Model	BTL-6000 MICROWAVE
Part number	P6000.601
User interface	5.7" colour touch screen
User-defined protocols	•
Modes	Continuous, pulsed
Power	250 W
Standard accessories	6-joint arm, RF cable, trolley

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 P6000.616	Protective glasses
Part number P6000.335	Neon check light

LYMPHASTIM

ADVANCED PRESSOTHERAPY SYSTEM

The lymphatic system helps remove toxins from the body. In certain health conditions, the physiological lymph flow can be interrupted causing lymph fluid to build up in a particular area of the body. Typically affected are arms or legs where lymphedema occurs. **Lymphastim performs a form of gentle massage** that encourages the movement of lymph fluids around the body. Lymphastim works on the **pneumatic pressotherapy** principle.

The procedure with **BTL LYMPHASTIM** is:

- Drug and side-effect free
- **Expanding your addressable patient population** with
 - lymphoedema
 - post-traumatic and post-surgical swelling
 - heavy-legs syndrome

HIGHLIGHTS

Applicators

- Applicators with **overlapping** chambers technology
- **Automatic** identification of the applicators
- Connectors for easy applicator change with a single click
- **Automatic sleeve emptying** after treatment for comfortable handling

Additional benefits

- **Advanced** settings for customized treatment
- **Presets** with a therapeutic encyclopaedia



LYMPHASTIM SPECIFICATIONS



LYMPHASTIM

Model	BTL-6000 LYMPHASTIM 12 TOPLINE	BTL-6000 LYMPHASTIM 12 EASY	BTL-6000 LYMPHASTIM 6 EASY
Part number	P6000.003	P6000.002	P6000.001
User interface	5.7" touch screen	LED display	LED display
Preset protocols (programs in sequences)	•		
User-defined protocols	•		
Preset programs	15	8	8
Number 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%
Standard accessories	Basic tube 12 TOPLINE	Basic tube 12 EASY	Basic tube 6 EASY

Optional accessories

Lymphastim 12 Easy/12 Topline

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

Lymphastim 6 Easy

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

Optional accessories for all units

Part number P6000.034	Interface for 2 ams or legs
Part number P6000.070	Extension strip for trousers 24, 12
Part number P6000.069	Extension strip for leg applicators - size L
Part number P6000.068	Extension strip for leg applicators - size S, M
Part number P5002.009	Trolley
Part number P6000.211	Plastic trolley
Part number P6000.073	Extension strip for trousers 24 chambers with zipper
P6000.210v101	Transportation case for BTL-6000



CONSULTING ROOM EQUIPMENT

COUCHES AND ACCESSORIES

Our couches have been carefully designed with both the patient and a medical provider 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. We also provide **exercise accessories**.



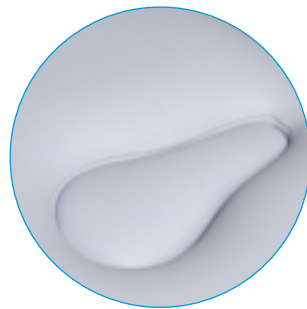
COUCHES SPECIFICATIONS



Model	BTL-1300	BTL-1300	BTL-1300	BTL-1300		BTL-1300	BTL-1300	BTL-1300	BTL-1300	BTL-1300	BTL-1100
Specification	2-section 1-motor	3-section 2-motors	4-section (split head section) 1-motor	5-section 2-motors		6-section 2-motors	Bobath (1-section and 2-section) 1-motor	Basic 2-section 1-motor	Basic 3-section 2-motors	Basic mechanical couch 2-section hydraulic movement	2-section fixed height
Part number	T013.000	T013.003	T013.023	T013.004		T013.022	T013.005 (1-sec) T013.012 (2-sec)	T013.0 13	T013.018	T013.030	T011.160
Electric height adjustment	•	•	•	•		•	•	•	•	mechanical adjustment	
Electric mid-section adjustment		•		•		•			•		
Hand switch	•	•	•	•		•	•	•	•		
Gas-spring head section adjustment (backrest adjustment in case of BTL-1300 Bobath)	•	•	•	•		•	• (2-section)	•	•	•	•
Standard width (cm)	70	70	70	70		70	90	70	70	70	70/70 (height)
Horizontally movable foot section: 15 cm											
Folding frame											•
Breathing hole	•	•	•	•		•		o	o	o	o
Face rest for couches with breathing hole	o	o	o	o		o		o	o	o	o
Retractable castors	o	o	o	o		o	o				
Retractable castors for BTL-1300 Basic								o	o	o	
Foot switch for height adjust.	o	o	o	o		o	o	o	o		
Frame switch for height adjust.	o	o	o	o		o	o				
Frame switch for height adjust. for BTL-1300 Basic								o	o		
Extended width: 80 cm	o										
Extended width of Bobath: 120 cm							o				
Gas-spring foot section adjustment/ sitting adjustment for BTL-1300		o		o		•					
Safety switch	o	o	o	o		o	o	o	o		
Sanitary paper holder	o	o	o	o		o	o	o	o	o	•
Stool with adjustable height											

ACCESSORIES

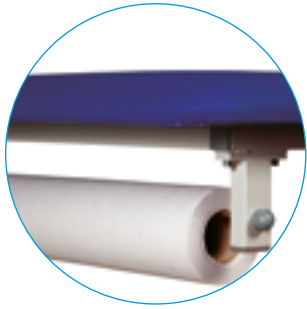
Breathing hole
Part number T010.057



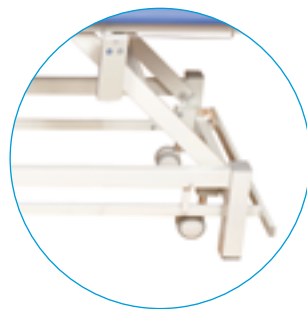
Gas-spring head
section adjustment



Sanitary paper holder
Part number T010.027



Retractable castors
Frame switch for
BTL-1300 Basic series
Part number T013.027



Retractable castors
Frame switch
Part number T013.006

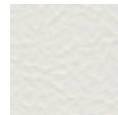


Hand switch



UPHOLSTERY COLOURS

White
Part number
T010.030



Grey-blue
Part number
T010.039



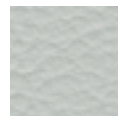
Dark blue
Part number
T010.041



Vanilla
Part number
T010.048



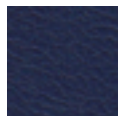
Grey
Part number
T010.031



Light blue
Part number
T010.040



Navy Blue
Part number
T010.049

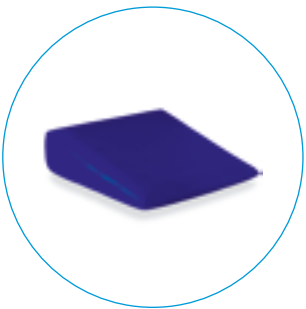


Orange
Part number
T010.034

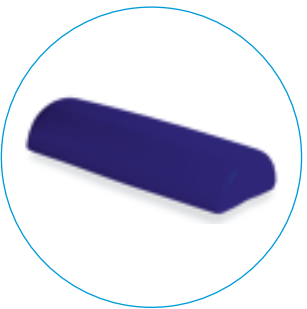


EXERCISE ACCESSORIES

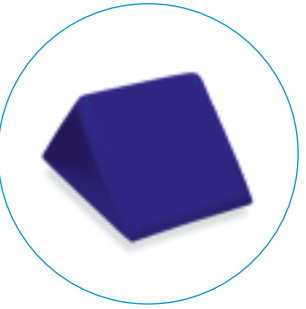
Wedge 40 x 40 x 12 cm
Part number T010.024



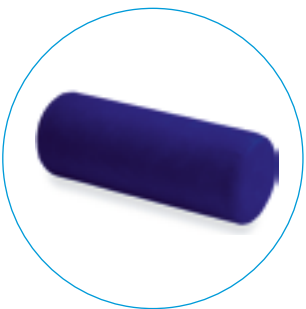
Half roll 60 x 18 x ø9 cm
Part number T010.023



Wedge 40 x 40 x 20 cm
Part number T010.058



Roll 60 x ø18
Part number T010.025



Cube 45 x 45 x 45 cm
Part number T010.026



HYDROTHERAPY SOLUTIONS

BODY CONTENTEMENT FIRST!

BTL baths and whirlpools combine clean, elegant shapes with high-quality materials and perfect workmanship to cover needs of **medical** facilities, **spas & wellness** centres.

BTL HYDROTHERAPY SOLUTIONS include:

- Full-immersion baths
- Underwater massage baths
- Baths for extremities

Technical specifications available on request.

OMEGA WAS CREATED
FOR PAMPERING & LUXURIOUS SPA TREATMENT



ALFA & DELTA ARE SMART COST SOLUTIONS
FOR MEDICAL SPA FACILITIES

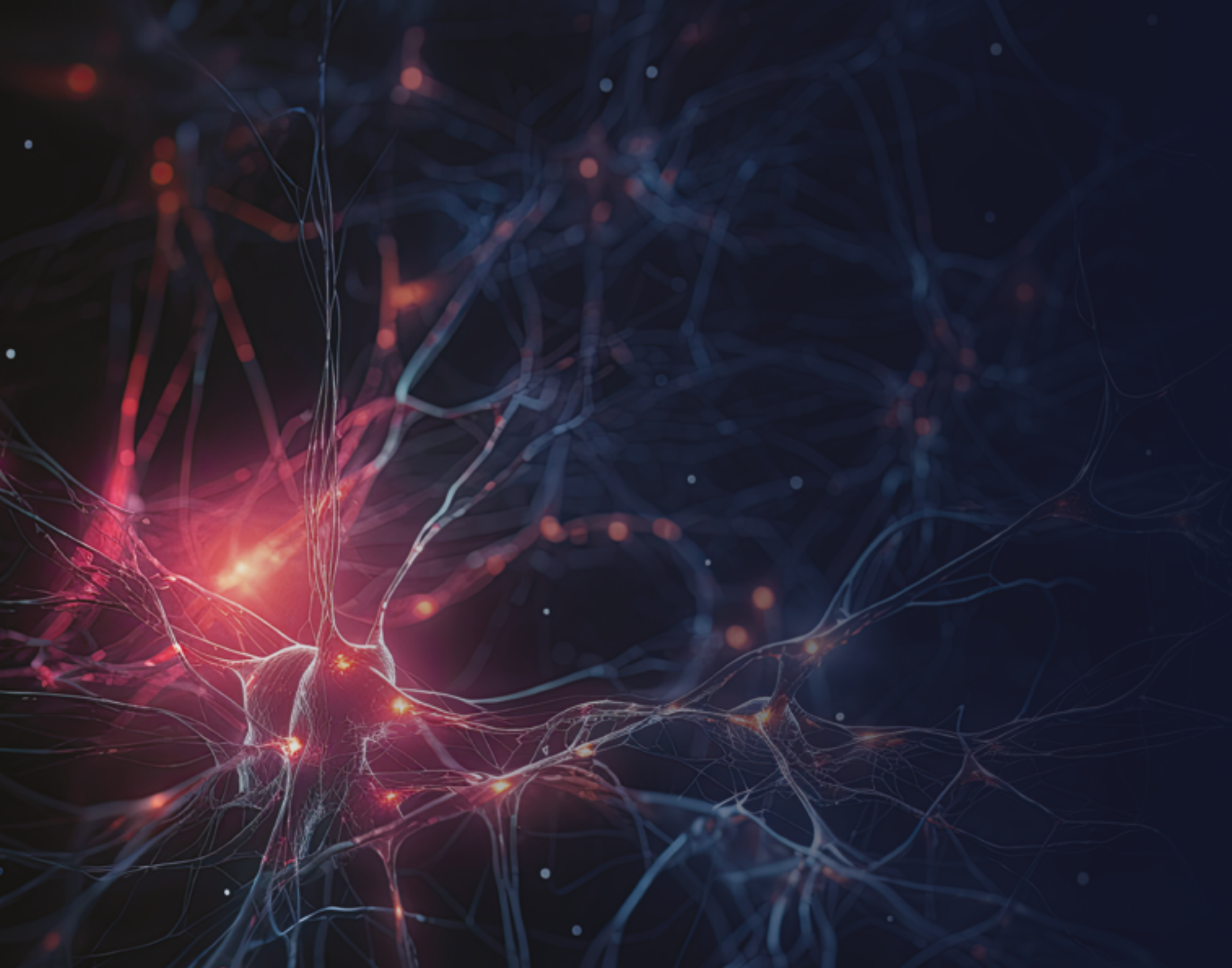


BETA, ZETA & THETA ARE DESIGNED
TO FIT IN HYDROTHERAPY OF EXTREMITIES



KAPPA IS PERFECT FOR CONVENTIONAL
UNDERWATER MASSAGE TREATMENTS





BTL ROBOTICS

R-GAIT

GAIT RESTORATION AFTER STROKE

R-Gait is an **end-effector** type of robotic device that **re-educates the patient to walk** in the most **natural gait pattern**. The key therapy principle lies in performing **completely free movements** of the lower extremities and pelvis in all three anatomical planes with **dynamic body weight support** that allows for body weight shifting over a high number of repetitions. R-Gait encourages precisely dosed gait re-education in a **safe environment**, making it suitable even in the **first recovery stage**. R-Gait is suitable for **adult and paediatric** patients from a height of 80 cm.

R-GAIT is intended for:

- Stroke
- Traumatic brain injury
- Multiple sclerosis
- Infantile cerebral palsy
- Parkinson's disease



R-GAIT

THE MOST NATURAL GAIT PATTERN

The end-effector type of gait training replicates the natural gait pattern principle by employing **foot plates equipped with sensors**. These assist the patient in the extension of the metatarsal phalangeal joints and **stimulate the propulsion phase of the foot** as during the natural walking sequence.



HIGHLIGHTS

Device

- **Flexible foot plates** with 8 pressure sensors and haptic feedback
- **Free** movement of the pelvis
- **Dynamic** body-weight support
- Unweighting up to 100%
- Max. patient weight 175 kg
- Settable gait parameters and **modes of walking**
- Speed up to **3.6 km/h**
- For **adults and pediatric** patients

Additional benefits

- **Exportable** gait reports and patient database
- Tablet-operated
- **Connectivity with smart TV** and gaming modes
- Knee and foot support system
- Compact design



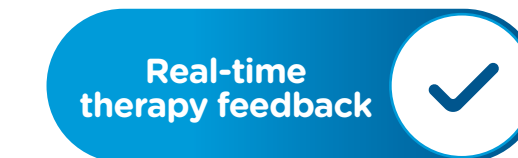
R-FORCE

ZERO GRAVITY

R-Force is the **ONLY** technology that enables gait training with **complete body weight support**. Air pressure can lower the patient's body weight by **up to 100%**, and gait training can begin as early as the **first stage of recovery**. R-Force encourages **safe, precisely dosed gait training** for orthopedic, sports medicine, and neurological patients that need to improve their walking capacities.

As **R-FORCE** reduces the impact on the musculoskeletal system while running, walking, or doing standing exercises, the device can be used for:

- Rehabilitation following injury, surgery, or total joint replacement of lower extremities
- Gait training and neuromuscular re-education in neurologic patients
- Aerobic and sport-specific conditioning and muscle strengthening
- Conditioning and muscle strengthening in geriatric patients



R-FORCE



Track patients' progress with functional gait diagnostics and objectify gait parameters in an **intuitive and structured way**.

The **integrated wide-angle camera** provides a real-time walking sequence, and patients can easily correct themselves.

Patients can improve their **balance** and **walking ability** by playing **motivational games**.

The **360° see-through bag** allows the clinician to more accurately identify and recognize the patient's gait pattern.

HIGHLIGHTS

Device

- Training with **100%** of body weight support
- **Safe & easy** boarding with the low boarding edge, handrails, and self-folding bag
- Single-touch set-up with **electrical key locks**
- **360°** see-through bag

Intelligent features

- Integrated wide-angle camera for **real-time therapy** feedback
- Gait **diagnostics**
- Exportable gait reports
- Motivational **games**



R-GAIT SPECIFICATIONS



R-GAIT	
Model	R-GAIT
Part number	660-PO-M
Max. Speed	3,6 km/h
Max. Steps/Minute	90
Step Length	27-62 cm
Settable width of the footplate	9-19 cm
Patient body-weight support	0-100% (0-175 kg)
Dynamic Body-weight patient support	•
Adjustable armrests	•
Patient modules	For adult and pediatric patients
Harness	4 harness sizes (S, M, L, XL)
Control unit	10.5" tablet
Wifi communication with the main unit	•
Exportable patient gait report	•
Patient database	•
Connectivity with smart TV	•
Haptic feedback	•
Motivational games	•
Movement modes	With settable patient participation 0-100%
Active pelvis with amplitude	•

Optional accessories	
Available on individual request	Harness S size for pediatric patients
Available on individual request	Harness M size
Available on individual request	Harness L size
Available on individual request	Harness XL size
Available on individual request	Knee belt
Available on individual request	Foot wedge

R-FORCE SPECIFICATIONS



R-FORCE	
Model	R-FORCE
Part number	805-POELITE-M
User interface	12.1" touch screen display
Zero gravity mode	•
Motivational games	•
Gait diagnostics	•
Patients database	•
Preset protocols	•
Encyclopaedia	•
Exportable patient report (PDF)	•
Body weight support	0-100%
Max. speed	25 km/h
Max. reverse speed	8 km/h
Treadmill inclination	0-15%
Patients handrails	•
360° see-through bag	•
Electrical key locks	•
Integrated wide-angle camera	•
Dual safety assessment (lanyard + harness)	•

Optional accessories			
Part number 805-SHORTS2XS-M	Shorts 2XS	Part number 805-DSHORTS2XS-M	Shorts 2XS - double zipper
Part number 805-SHORTSXS-M	Shorts XS	Part number 805-DSHORTSXS-M	Shorts XS - double zipper
Part number 805-SHORTSS-M	Shorts S	Part number 805-DSHORTSS-M	Shorts S - double zipper
Part number 805-SHORTSM-M	Shorts M	Part number 805-DSHORTSM-M	Shorts M - double zipper
Part number 805-SHORTSL-M	Shorts L	Part number 805-DSHORTSL-M	Shorts L - double zipper
Part number 805-SHORTSXL-M	Shorts XL	Part number 805-DSHORTSXL-M	Shorts XL - double zipper
Part number 805-SHORTSXXL-M	Shorts XXL	Part number 805-DSHORTSXXL-M	Shorts XXL - double zipper
Part number 805-SHORTS3XL-M	Shorts 3XL	Part number 805-DSHORTS3XL-M	Shorts 3XL - double zipper
Part number 805-SHORTS4XL-M	Shorts 4XL	Part number 805-DSHORTS4XL-M	Shorts 4XL - double zipper
Part number 805-SHORTS5XL-M	Shorts 5XL	Part number 805-DSHORTS5XL-M	Shorts 5XL - double zipper

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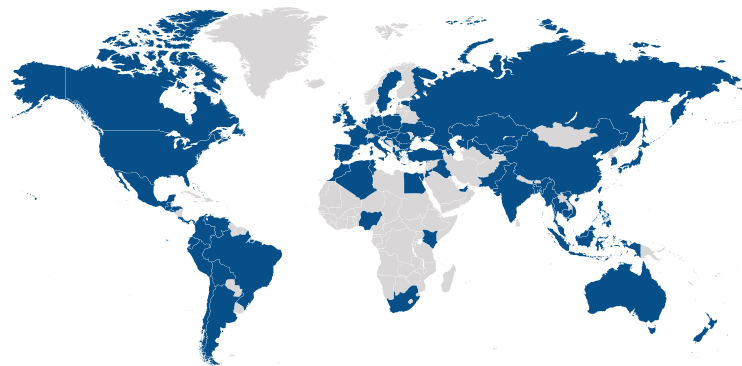
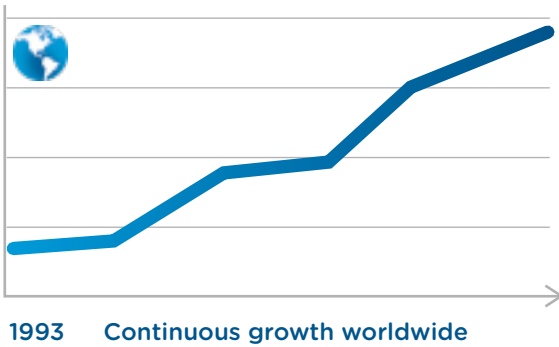


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