

Modalities



Exclusive to OrthoCanada



BTL-6000 Radial Shockwave

BTL-6000 ELITE Shockwave

Offering the most powerful radial shockwave device on the market with an intensity of up to 6 bars and ultralight Intelligent MAGNUM applicator, the BTL-6000 Elite shockwave unit is a clinical solution for sub-acute and chronic musculotendinous conditions. The intensity of 6 bars will deliver successful treatment of deeper tissues while the ultralight Intelligent MAGNUM applicator accommodates parameter adjustments seamlessly.

MDALL 106498

- 8.4" colour touchscreen
- 22 preset protocols
- Includes Magnum applicator
- Intensity up to 6 bars
- Frequency up to 22 Hz



BTL-RSWT-ELITE BTL-6000 ELITE Shockwave

BTL-6000
ELITE Shockwave

Mechanism of Action

Radial shockwave is an acoustic wave that carries high energy to myoskeletal tissue. It causes mechanical stimulation that promotes tissue regeneration and repair in injured tendons and other soft tissue. It is the first-choice treatment for chronic conditions such as superficial tendinopathies, calcifications, and persistent pain of musculotendinous origin.



Shockwave Training Canada

For a complete schedule of courses and workshops please visit www.shockwavetraining.ca



Intelligent Magnum Applicator

Spin to fine-tune therapy parameters

6 Bars & 22Hz

Shock-absorbing cushioning eliminates reverse shocks

Smart indicator of therapy parameters

Ultralight & ergonomically-shaped

Redesigned projectile construction for extended lifespan



BTL-6000 PRO Shockwave

- 5.7" colour touchscreen
- 22 preset protocols
- Includes Magnum applicator
- Intensity up to 4 bars
- Frequency up to 15 Hz



BTL-6000 EASY Shockwave

- User friendly LED interface
- 7 preset protocols
- Intensity up to 4 bars
- Frequency up to 15 Hz

Common Indications



Patellar Tendinitis



RC Tendinitis, Bursitis & Calcification



Lateral Epicondylitis



Trigger Point Release



Hamstring Strain



BTL-6000 Focus Shockwave

The BTL-6000 Focus Shockwave device is a clinically proven and effective non-invasive alternative to surgery. Ideal for fast pain relief and the restoration of mobility, the therapy enhances tissue regeneration, eliminates calcification, relaxes muscles and trigger points, and stimulates the healing of non-union fractures. Its technology offers non-decreasing shock intensity over its lifespan, supported by constant shock intensity monitoring. Optimal Focal Zone covers any treated area easily and the high Energy Flux Density enables treatment of diverse tissues. It has the highest frequency range on the market for a wide spectrum of indications.

MDALL 102793

BTL-FSWT

BTL-6000 Focus Shockwave



BTL-6000 Focus Shockwave with Cart

Medical Effects

Acoustic waves with high energy peak used in Shockwave Therapy interact with tissue causing overall beneficial medical effects – accelerated tissue repair and cell growth, analgesia, and restored mobility. Each of the following effects happen simultaneously and are used to treat chronic, sub-acute and acute (advanced users only) conditions.

- New blood vessel formation
- Reversal of chronic inflammation
- Stimulation of collagen production
- Dissolution of calcified fibroblasts
- Dispersion of pain mediator substance P
- Release of trigger points



Common Indications



Tendinitis & Bursitis



Non-Union Fracture



Calcification



Trigger Point Release



Avascular Necrosis

Most Advanced Features in the Industry

Patented electroacoustic technology offering the highest lifespan of 3 million shocks

Intelligent applicator with continuous monitoring of shock intensity

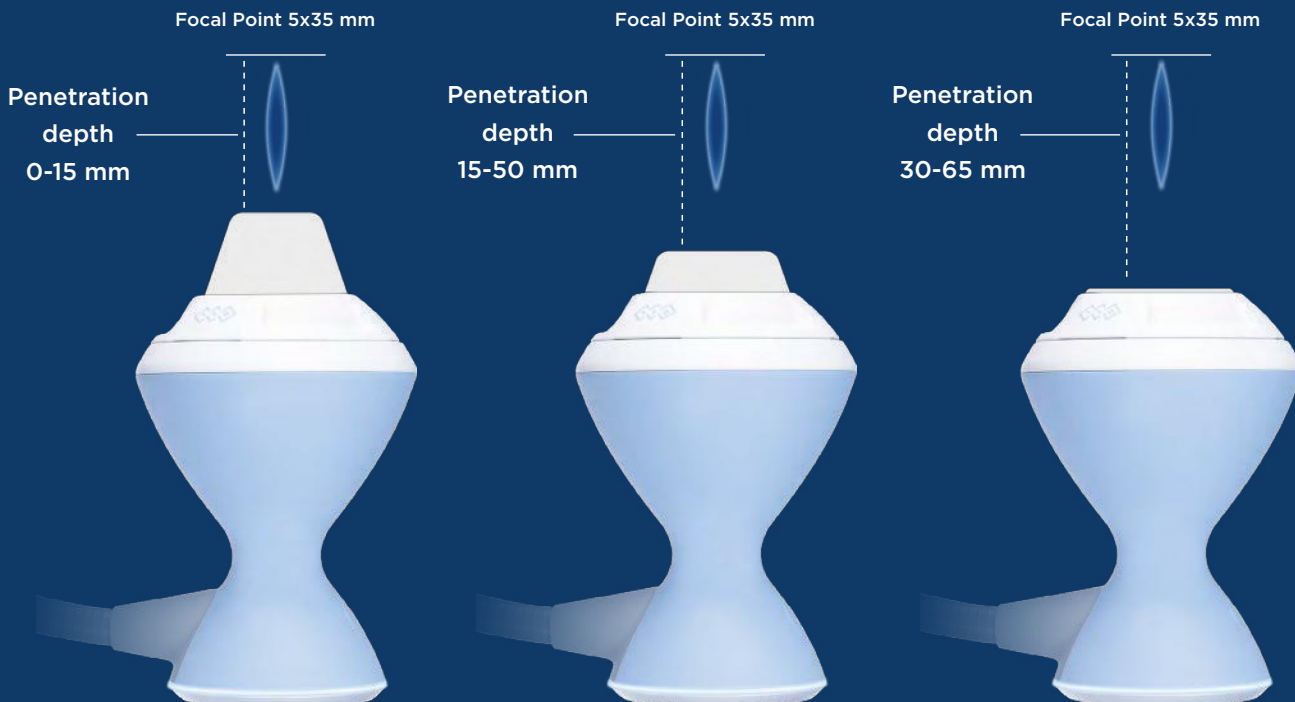
Adjust parameters directly from the applicator touchscreen display

Easy maintenance & liquid-free circuit

Switch & go applicator replacement service



Select the depth of penetration of up to 65 mm with 3 different coupling pads





BTL-6000 High Intensity Laser

The BTL-6000 Class IV High Intensity Laser with Intelligent Robotic Scanning System uses the highest power approved by Health Canada. The 10 W power and 1064nm wave length provide effective light penetration deep into tissue for pain management, tissue healing and regeneration. Select from 3 modes - pulsed and triangular for analgesia or continuous for biostimulation and thermal effect. The touchscreen is pre-programmed with therapy protocols for easy, fast, and effective treatment of a range of acute and chronic conditions and sports related injuries. MDALL 80111.

BTL-HIL-10W BTL-6000 High Intensity Laser, 10W
BTL-HIL-SSELITE Optional Elite Robotic Scanning System & Cart



Medical Effects

Continuous

- Biostimulation
- Thermal
- Muscle Relaxation

Pulsed/Triangular

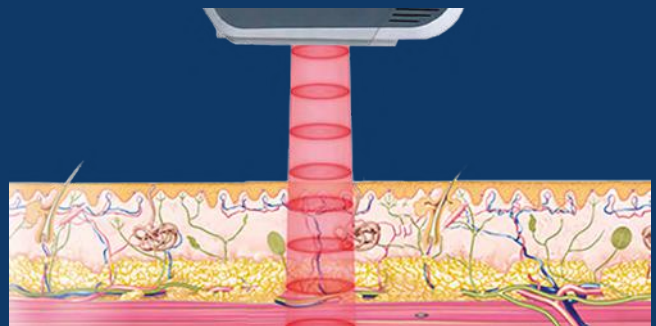
- Analgesia
- Microcirculation Stimulation
- Anti-inflammatory



BTL-6000 High Intensity Laser
with Elite Robotic Scanning
System & Cart

Mechanism of Action

The therapeutic effect of laser light is based on biostimulation and the acceleration of cellular processes that contribute to pain reduction and faster recovery after injury. The photomechanical wave stimulates nerve endings, which leads to pain relief. Biostimulation of the affected tissue increases oxygen uptake and improves blood circulation.



Common Indications



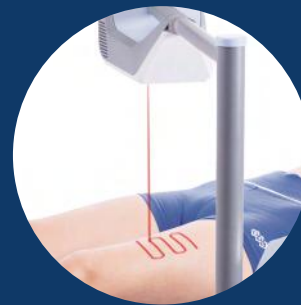
Arthritis & Joint Sprain



Acute & Chronic Pain



Tendinitis & Bursitis

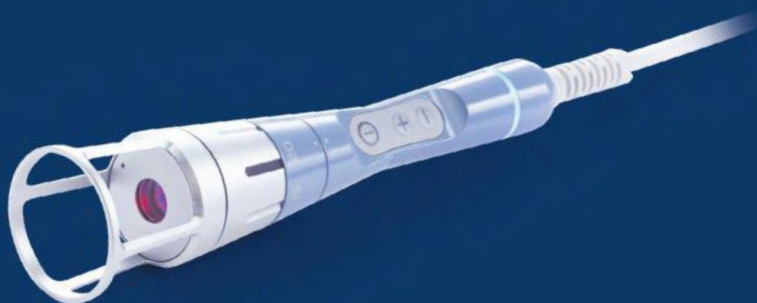


Muscle Tension & Strain

Manual laser

Its features include:

- Intelligent Applicator with therapy control buttons and therapy indicator light
- Optical System for setting spot size within a range of 10 to 30 mm



Robotic Scanning System

Includes intelligent features for safe operation:

- Temperature Monitoring is automated and ensures uniform and consistent delivery of energy across the tissues.
- Patient Position Control ensures a constant monitoring of a safe distance between the patient and the Robotic Scanning System.
- Thermal Perception Scan provides a threshold heat tolerance by the patient.





BTL-6000 Super Inductive System

The Innovative BTL-6000 Super Inductive System is handsfree and designed to treat painful neuromuscular conditions. The high intensity electromagnetic field of up to 2.5 Tesla triggers action potentials and depolarizes the nerves to elicit a muscle contraction. Easy and quick to set up, treatment effectively addresses acute and chronic pain, muscle relaxation and stimulation, joint stiffness, and supports fracture healing. MDALL 98062.

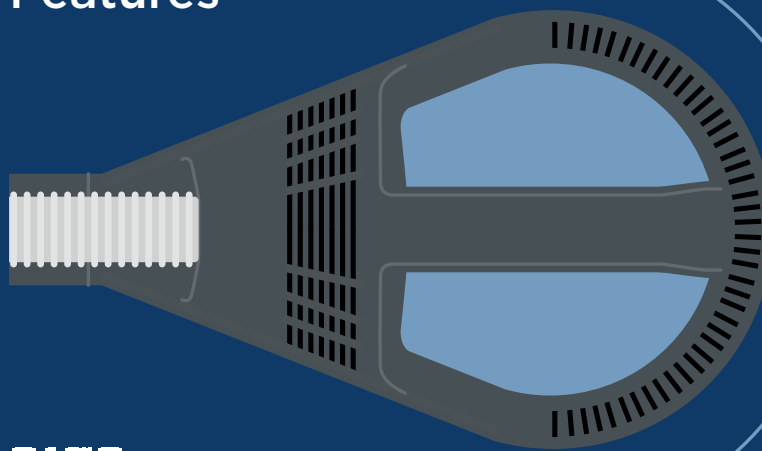
BTL-SIS

BTL-6000 Super Inductive System



BTL-6000 Super Inductive System with Cart

Most Advanced Features



Penetration of up to 10cm

Focused field of treatment

Pulsed quality monitoring

Most powerful device

No consumables, no disposables

Set & Go Therapy



Medical Effects

Endogenous Opioid Theory of Pain

Gate Control Theory of Pain

Peripheral Pattern Theory of Pain



Other Medical Effects

Fracture Healing



Myostimulation



Joint Mobilization



Spasticity Reduction



Common Indications



Joint Stiffness



Breathing Impairment



Spasticity



Fracture



Muscle Weakness



Acute & Chronic Pain





Targeted Radiofrequency Therapy – Tecar Therapy

TR-Therapy also known as TECAR, or Targeted Radiofrequency Therapy, distributes high-frequency energy into tissue selectively, resulting in a targeted heating effect to deep muscle, ligament, joint or superficial tissue. TR-Therapy will reduce pain and edema, relax tense muscles, and help regenerate damaged tissue. Used in combination with manual therapy, passive stretching techniques, or active muscle contraction, treatment effectiveness is enhanced, bringing immediate and long-lasting clinical results. MDALL 96043

Features and Benefits

- Tissue selectivity with capacitive and resistive modes
- Dynamic Impedance Control (Automatically regulates the power throughout the therapy by measuring tissue impedance)
- Continuous and pulsed therapy options
- Intuitive operation with colour touchscreen
- 30 preset protocols and therapeutic encyclopaedia
- Optional trolley



TR-Therapy Elite

BTL-6000 TR-Therapy Elite

- Ergonomic applicators with audiovisual contact control
- 320 W power
- 8.4" colour touchscreen
- Quick protocols
- Body part navigation
- Patient database

BTL-TR-ELITE BTL-6000 TR-Therapy ELITE

BTL-6000 TR-Therapy Pro

- 150 W power
- 5.7" colour touchscreen

BTL-TR-PRO BTL-6000 TR-Therapy PRO



TR-Therapy Pro



Massage Technique

TR-Therapy in combination with soft tissue techniques enhances the therapeutic effect by increasing the blood flow, nutrients and oxygen to treated tissues. The combination leads to faster release of hypertonus muscles and pain relief.



Muscle Activation Technique

Combining TR-Therapy with isometric or isotonic muscle contraction focuses the hyperthermy into the contracted muscle. Delivered radiofrequency energy facilitates these fibers and leads to faster healing and recovery.



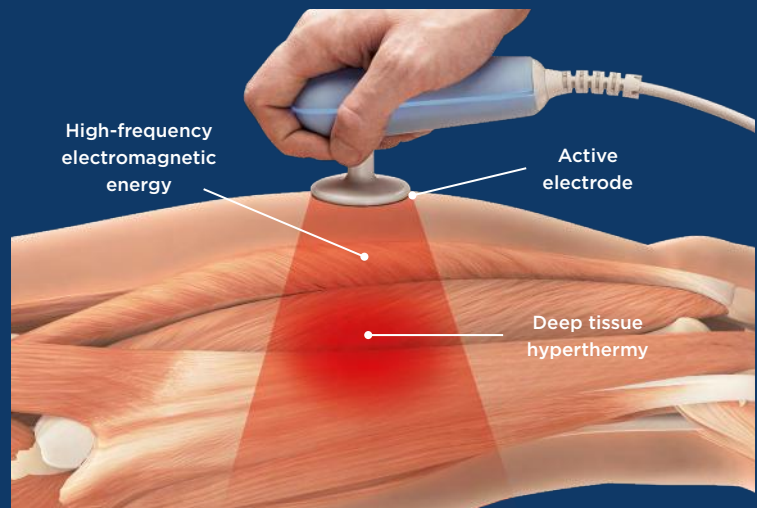
Passive Motion Technique

TR-Therapy helps relieve painful trigger points and muscle spasms that limit range of motion. The use of this therapy in combination with passive stretching of shortened tissues leads to rapid improvement in ROM and pain relief.

Mechanism of Action

Scientifically proven, TR-Therapy transfers high frequency electromagnetic energy through tissue using either capacitive or resistive electrodes.

The capacitive mode is used to treat superficial structures, such as skin and muscles, while the resistive mode treats deep structures, such as deep muscles, tendons, and bones. Its bimodal capacity allows multiple tissue healing.



Common Indications



Chronic Back Pain



Muscle Regeneration



Post Traumatic Edema



Muscle Spasms



Myofascial Syndrome



Lymphatic Drainage & Pressotherapy System

BTL-6000 Lymphastim

Unrivalled system for pressotherapy

Lymphatic drainage is a well established and clinically proven therapeutic method that delivers immediate and visible results. BTL's Lymphastim is based 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. Medical Device License 81320

Common Indications

- Chronic oedema
- Obstruction of lymph vessels
- Venous insufficiency and ischemic diseases

Features

- Available with 6 or 12 channels
- Electronic pressure control system
- Range of sleeves available with overlapping chambers
- Connectors for easy applicator change
- Automatic sleeve emptying after treatment
- Preset programs that can be modified by the user
- Pressure setting from 20 to 160mmHg
- Chamber activity shown on display
- Available applicator sleeves: trousers, leg and arm

BTL-LYM12-TOP
BTL-LYM12-EASY
BTL-LYM6-EASY

BTL-6000 Topline, 12 Channel
BTL-6000 Easy, 12 Channel
BTL-6000 Easy, 6 Channel



BTL-6000
Lymphastim Topline



BTL-6000
Lymphastim Easy



Circulatory System Support

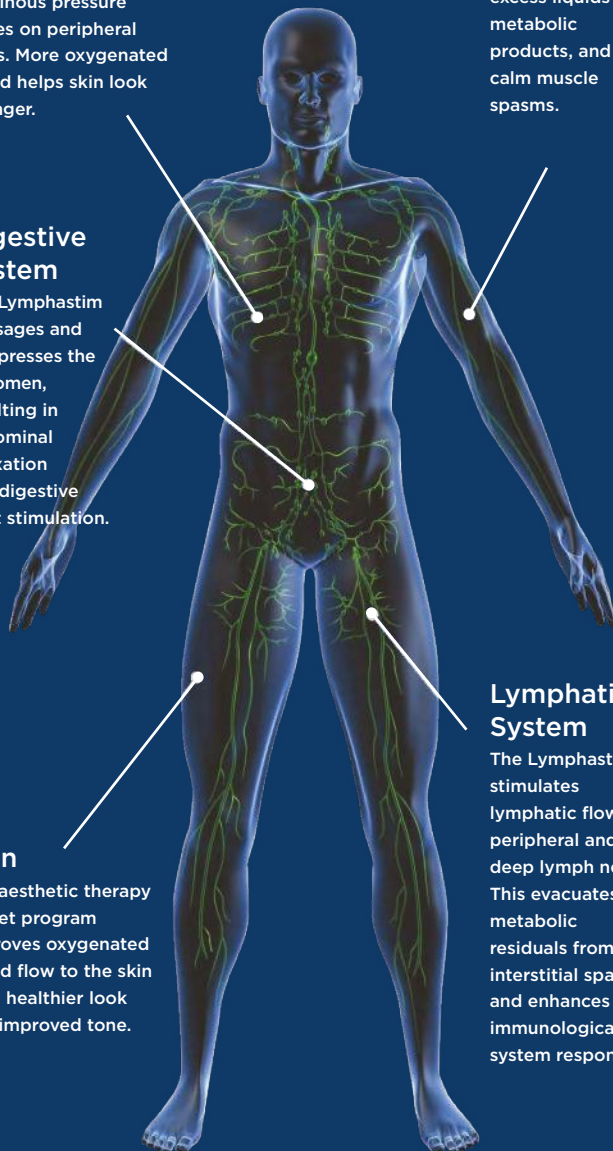
The Lymphastim enhances blood circulation by applying continuous pressure waves on peripheral veins. More oxygenated blood helps skin look younger.

Digestive System

The Lymphastim massages and compresses the abdomen, resulting in abdominal relaxation and digestive tract stimulation.

Skin

The aesthetic therapy preset program improves oxygenated blood flow to the skin for a healthier look and improved tone.



Muscles

Pressure waves of the overlapping chambers relax muscles, remove excess liquids with metabolic products, and calm muscle spasms.

Lymphatic System

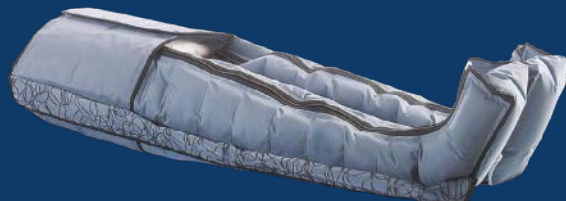
The Lymphastim stimulates lymphatic flow in peripheral and deep lymph nets. This evacuates metabolic residuals from the interstitial spaces and enhances immunological system response.



Arm sleeve



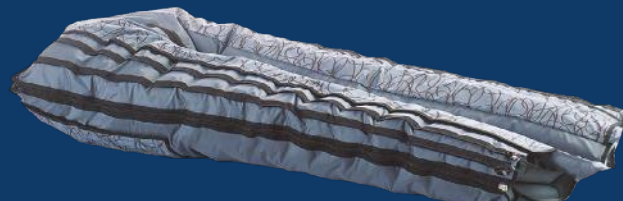
Leg sleeve



Trouser sleeve with zipper



Trouser sleeve with velcro



Unisex trouser sleeve

BTL-6000 Lymphastim 12 Topline

BTL-6000 Lymphastim 12 Easy

BTL-6000 Lymphastim 6 Easy

User Interface	5.7" touch screen	LED display	LED display
BTL Encyclopedia	26 clinical protocols		
User Programs	500 user-defined programs		
Preset Programs	15	8	8
Number of Channels	12	12	6
Gradient	0%-100% continuous setting	0%, 10%, 20%, 30%	0%, 10%, 20%, 30%
Pressure Setting	20-160 mmHg	20-160 mmHg	20-160 mmHg
Dimensions	320 x 190 x 280 mm	320 x 190 x 280 mm	320 x 190 x 280 mm
Weight	7.5 kg	7.5 kg	7.5 kg
Main Supply	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz



BTL Spinal Decompression

The BTL Spinal Decompression System is the ideal non-invasive alternative to spine surgery and drug-free pain management. The system uses decompressive forces to relieve pressure from the neural tissues causing sciatic pain in both the upper and lower extremities. The decompressive forces also mobilize the spinal joints and relax the surrounding soft tissues.

BTL-SDT-PREMIUM BTL Spinal Decompression



Spinal Decompression

Features

- Gentle and precise decompressive force increments of 100 g
- Adjustable patient positioning allows precise targeting of spinal segments
- Adjustable angle of pull
- Automated pre-intervention traction test
- Integrated heat therapy
- Can also be used for extremity traction



Various Treatment Positions



Pelvic Flexion

The adjustable pelvic tilt angle provides precise targeting of lumbar spine segments.



Semi-Upright

Allows gentle soft tissue stretching, ideal for treating patients with extremely sensitive tissues.



Prone Extension

Enhances pain relief through mechanical retraction of the targeted disc and its nucleus.



Roof Position

Ideal for increasing space between facet joints, reducing pressure on the nerve roots, and stretching the fascia.



Side-Lying

Transition position that promotes gentle relaxation of paraspinal muscles.



Inversion

Suppresses initial pain in patients with extremely sensitive neural tissues, unloads the spine and releases muscle spasms.



Provides gentle cervical traction



Secure harnesses & belt system for lumbar traction



Can also be used for extremity traction



Adjust the angle of pull for precise targeting

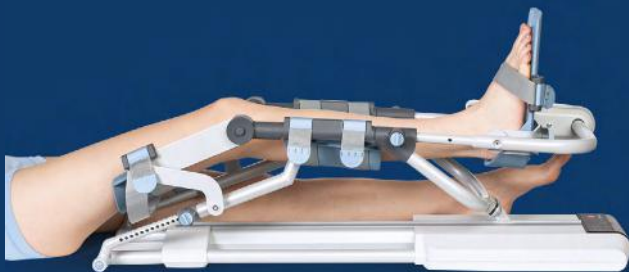


BTL CPM – Continuous Passive Motion

CPM devices are used during the first phase of rehabilitation following lower limb joint surgeries or traumas. It continuously and repeatedly moves the joint through a controlled range of motion. Daily treatment helps increase limited movement and helps prevent the negative effects of joint immobilization such as joint stiffness, swelling, pain and deep vein thrombosis.



BTL-CPMotion K PRO



BTL-CPMotion K ELITE

BTL-CPMotion K ELITE and PRO

Features

- Easy to clean and disinfect. Fleece kit not required
- Quick and easy setup
- Remote control with touchscreen
- Real-time angle settings
- Advanced therapy settings
- Precise real-time patient threshold angle setting
- 13 automatic preset protocols
- Up to 50 user-defined protocols
- Faster movements for improved therapy outcomes
- Unique click system – no manual tightening needed

BTL-CPM-KELITE
BTL-CPM-KPRO

BTL-CPMotion K ELITE
BTL-CPMotion K PRO

Includes Ankle Module
Optional Ankle Module

BTL-CPMotion K Easy

Features

- Easy to clean and disinfect. Fleece kit not required
- High speed movement
- Quick and easy setup
- Start/Stop remote control
- Unique click system - no manual tightening needed

BTL-CPM-KEASY

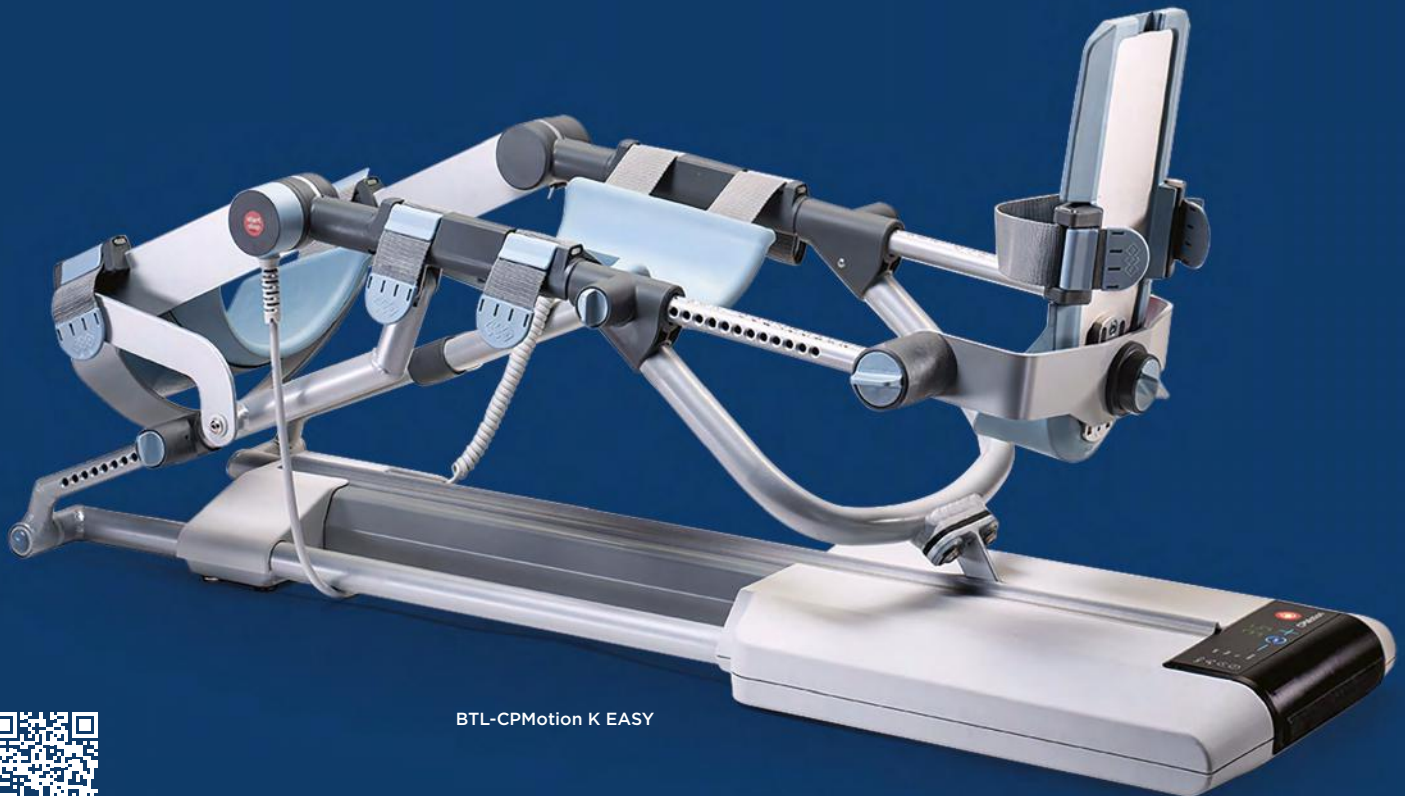
BTL-CPMotion K Easy



Remote control with touchscreen
Included with K Pro & Elite



Start/Stop remote control
Included with K Easy



BTL-CPMotion K EASY



	BTL-CPMotion K ELITE	BTL-CPMotion K PRO	BTL-CPMotion K EASY
User Interface	Remote control with touchscreen	Remote control with touchscreen	START/STOP remote control
Advanced Therapy Settings	•	•	
Preset Protocols	•	•	
User-Defined Protocols	•	•	
Ankle Module	•	Optional	
Knee Extension/Flexion	-10°/123°	-10°/123°	-10°/123°
Ankle Extension/Flexion	25°/40°		
Max Movement Speed	380°/min	380°/min	380°/min
Dimensions	15.3" x 17" x 38"	15.3" x 17" x 38"	15.3" x 17" x 38"
Weight	31 lb	26 lb	24 lb
Mains Supply	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz
Standard Accessories	Ankle module, remote control with touchscreen	Remote control with touchscreen	START/STOP remote control
Warranty	1 Year	1 Year	1 Year



Ultrasound

BTL-4710 Premium & Smart Ultrasound

Premium & Smart Ultrasound Features

- 1 and 3 MHz + alternating mode
- Heated applicators
- Modular frequency 10-150 Hz
- Duty Factor 5-100%
- Maximum intensity in continuous mode is 2 W/cm²
- Maximum intensity in pulsed mode is 3 W/cm²
- Colour touchscreen (Premium is 7"; Smart is 4.3")
- 2 applicator ports
- Preset protocols and therapeutic encyclopaedia
- Low BNR 2.2-3 (FDA testing)
- Warranty 2 yrs on units and applicators
- MDALL 94143

Additional Features of the Premium Ultrasound

- QUICK protocols
- Body parts navigation
- Large 7" colour touchscreen
- Patient database
- Includes a rotary knob for intensity adjustment

BTL-4710-Premium	Premium Ultrasound w/5cm ² Applicator
BTL-4710-Smart	Smart Ultrasound w/5cm ² Applicator
BTL-4710-Dual	Smart Ultrasound w/5cm ² & 1cm ² Applicators
BTL-4710-Portable	Smart Ultrasound w/5cm ² Applicator & Bag



BTL-4710-Premium with 5cm² applicator



Optional 1cm² applicator



BTL-4710-Smart with 5cm² applicator

BTL Handsfree Sono Applicators

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

Features and Benefits

- Time saver
- Gel pads not required
- More efficient ultrasound delivery, and eliminates application errors
- Maximum safety using the embedded Rotary Field Technology
- Equal ultrasound dosage over the entire treated area
- Alternating frequencies: 1 and 3 MHz

BTL-Sono-6	6 Crystal Applicator Handsfree Sono 6
BTL-Sono-4	4 Crystal Applicator Handsfree Sono 4
BTL-Sono-PH	Handsfree Sono Holder
BTL-Sono-PT	Handsfree Sono Holder for Trolley



Interferential

BTL-4625 Premium & Smart 2-channel IFC

BTL-4625 Premium & Smart IFC Features

- Offers over 20 different waveforms including 2 and 4 pole IFC, TENS, Russian, Microcurrent & High Volt
- Colour touchscreen (Premium is 7"; Smart is 4.3")
- Preset protocols and therapeutic encyclopedia
- Programmable sequences
- Suitable for combined therapy
- Warranty 2 yrs on units
- MDALL 94142

Additional Features of the Premium IFC

- 8 QUICK protocols
- Body parts navigation
- Large 7" colour touchscreen
- Includes rotary knob for intensity adjustment
- Start treatment with a single touch

BTL-4625-Premium Premium IFC w/Extended Range of Currents
BTL-4625-Smart Smart IFC w/Extended Range of Currents

Included Accessories

BTL-4000-L1 Channel 1 Lead - Light Grey
BTL-4000-L2 Channel 2 Lead - Dark Grey
BTL-4000-E1 7x5 cm Carbon IFC Electrode (x4)
BTL-4000-S1 Sponges for 5x7 cm Electrode (x4)



BTL-4625-Premium



BTL-4625-Smart



Optional Accessories

Carrying bag



Battery Pack



12 x 10 cm electrodes



Trolley



Combination

BTL-4825 Premium & Smart US/IFC Combo

Premium & Smart Combo Features

- 1 and 3 MHz frequencies + alternating mode
- Heated applicators
- Modular frequency 10-150 Hz
- Duty Factor 5-100%
- Maximum intensity in continuous mode 2 W/cm²
- Maximum intensity in pulsed mode 3 W/cm²
- Colour touchscreen (Premium is 7"; Smart is 4.3")
- 2 applicator ports
- Preset protocols and therapeutic encyclopaedia
- Low BNR 2.2-3
- Offers over 20 different waveforms including 2 and 4 pole IFC, TENS, Russian, Microcurrent & High Volt
- Warranty 2 yrs on units and applicators
- MDALL 94106

Additional Features of the Premium Combo

- QUICK protocols
- Body parts navigation
- Large 7" colour touchscreen
- Patient database
- Includes a rotary knob for Intensity adjustment

BTL-4825-Premium	Premium Combo w/5cm ² Applicator
BTL-4825-Smart	Smart Combo w/5cm ² Applicator

Included Accessories

BTL-4000-L1	Channel 1 Lead - Light Grey
BTL-4000-L2	Channel 2 Lead - Dark Grey
BTL-4000-E1	7x5 cm Carbon IFC Electrode (x4)
BTL-4000-S1	Sponges for 5x7 cm Electrode (x4)
BTL-4000-5CM	Multifrequency Applicator - 5cm ²



BTL-4825-Premium with 5cm² applicator



BTL-4825-Smart with 5cm² applicator

Optional Accessories



1 cm² applicator



12 x 10 cm electrodes



Battery Pack



Carrying bag

LLLT Laser

BTL-4110 Premium & Smart Low Level Laser Therapy

Premium & Smart Laser Features

- 2 ports for simultaneous connection of laser applicators
- Wide range of powerful probes & cluster applicators
- Continuous and pulsed modes
- Automatic recalculation of therapy parameters
- Preset protocols and therapeutic encyclopaedia
- Presets for laser acupuncture
- Colour touchscreen (Premium 7", Smart 4.3")
- Warranty 2 yrs on units and 1 yr on applicators
- MDALL 98761

Additional Features of the Premium Laser

- QUICK protocols
- Body part navigation
- Patient database

BTL-4110-Premium	Premium Low Level Laser
BTL-4110-Smart	Smart Low Level Laser
BTL-4110-200mW	Infrared Probe 830 nm / 200 mW
BTL-4110-400mW	Infrared Probe 830 nm / 400 mW
BTL-4110-800mW	Infrared Cluster 830 nm / 800 mW
BTL-4110-1300mW	Infrared Cluster 830 nm / 1300 mW
BTL-4110-HL	Laser Cluster & Probe Holder for BTL-4000-Cart
BTL-4110-GL	Safety Glasses
BTL-4000-Cart	Trolley
BTL-4000-Bag	Carrying Bag
BTL-4000-Battery	Battery Pack



BTL-4110-Premium



BTL-4110-Smart



Trolley



Cluster & probe holder



Safety glasses



Infrared probe



Infrared cluster

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