



EMS PHYSIO MAKING IT BETTER

PRODUCT CATALOGUE 2016

EMS Physio ... *making it better*

Welcome to the 2016 edition of our product catalogue and thank you for choosing EMS Physio as a valued supplier.

Our product range continues to evolve, expand and improve – in line with your clinical demands and expectations.

You can see on page 12 details of the new Megapulse 260 pulsed only shortwave device, which has undergone a considerable enhancement into the fourth generation of the Megapulse family. A new operating system, clinically-evidenced user protocols and a new ergonomic design are just part of the improvements you will see with this established therapy.

One of the biggest developments has been the interactive website and on-going communication we can provide with all our customers, equipment users and interested parties. I am proud that a company founded in the early 20th century embraces the latest technology offered in the 21st century! Please do visit our website (www.emsphysio.co.uk) to experience the new environment.

Our core values continue - excellent equipment, supported by trained and knowledgeable staff, complemented by the highest quality and on-going service. Our global presence will reassure you that EMS Physio offers you the stability and support you need and expect from one of the world's leading physiotherapy brands.

As always, our product range continues to change, innovate and inspire you to offer the best technology for the effective treatment of your patients. Whether it's ultrasound, shortwave diathermy, couches, electrotherapy, laser, exercise equipment, gait analysis, shockwave therapy, compression therapy, EMG biofeedback or real-time medical imaging, EMS Physio remains your obvious choice.

Thank you for your commitment to EMS Physio.

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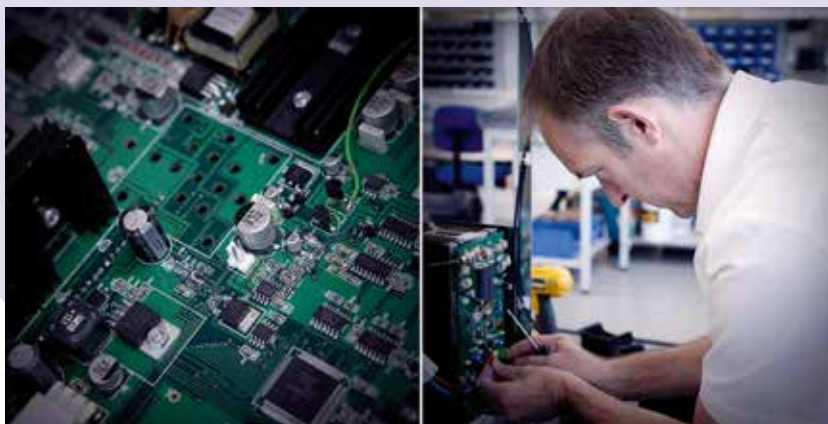
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EMS Physio Ltd was established in 1924. It is a family-owned company and is based at Grove Technology Park, in Oxfordshire, United Kingdom and occupies 1,600 sq metres of purpose built offices, factory and warehousing.

The company continually develops new and innovative electrotherapy equipment and supports existing products. We are able to offer customers in-depth technical guidance as necessary.

All EMS Physio products are manufactured at Grove Technology Park, ensuring the highest standards of quality are achieved. The company first achieved ISO9001 and ISO13485 accreditation in 1995 and continues to deliver the best in product quality. All products are CE marked in accordance with the EU Medical Device Directive.

Our level of experience and customer support is unrivalled. The sale is the start of our relationship with you, not the end.

Our products are your investment. With regular servicing by trained personnel, your equipment can provide a long-term contribution to your clinical needs.

Primo Therasonic 360 and 460

The Primo Therasonic has been designed to offer you a wide range of choices for your ultrasound treatment programme. Widely used to improve healing time on soft tissue injuries, it has integrated evidence based algorithms and clinical protocols.

- Touch screen technology
- Dual frequency ultrasound (1MHz and/or 3MHz)
- Programmable memory
- Easy wipe clean reducing the risk of cross-infection
- Treatment Protocols: Pressure Ulcers, Chronic Venous Ulcers, Trigger Point Low irritability, Tendon Injury/ Lesion, Chronic Osteoarthritis, Rheumatoid Arthritis, Tennis Elbow, Carpal Tunnel, Fibromyalgia, Soft Tissue Stretch, Impingement Syndrome, Calcific Tendonitis, Perineal Pain (Persistent), Perineal Pain (Partum),
- Mains powered as standard, optional battery available



EMS360, EMS460



PMA9135



PMA9125

Technical Specification

Size (h/w/d) 108 x 237 x 333mm
Weight 1.3 kg
Treatment Time 0-30 min
Treatment Programs 10 user-defined set-ups
Ultrasound Frequency 1MHz for 360, 1MHz and 3MHz for 460
Maximum Intensity 1.5 W/cm² in CW, 3.0 W/cm² in pulsed
Maximum Output Power 6W average (Mains operated only)
Output Modes CW pulsed 1:1, 1:2, 1:4 and 1:9
Pulse Duration 2ms
Contact Monitor Light on transducer or audio signal
 Transducer: Large transducer ERA 4 cm², Small transducer 1MHz 0.6 cm² and 3MHz 0.4 cm²

Ordering Information

Primo Therasonic 360
 Primo Therasonic 360 Single frequency ultrasound unit (1MHz) complete with large treatment head, one bottle of coupling gel (250ml) mains only
EMS3601

Primo Therasonic 460
 Primo Therasonic 460 Dual frequency ultrasound unit mains only (1 MHz and 3MHz) complete with large treatment head, one bottle of coupling gel (250ml)
EMS460

Primo Therasonic 460 therapy unit as above.
Mains and battery powered version EMS460B

Accessory Ordering Information

Large treatment head	PMA9125
Small treatment head	PMA9135
8 x 250ml bottle of gel	EMS502
1 litre bottle of gel	EMS502A
Padded carrying case	EMS530
Treatment trolley	EMS158
Rechargeable battery pack (factory fitted)	EMS161
Ultrasound output indicator	RTB01



EMS502

EMS502A

Primo Combination 860

The Primo Combination 860 offers dual frequency ultrasound (1MHz and 3MHz) and the complete range of stimulation outputs that can be used individually or simultaneously in combination therapy.

- Touch screen technology
- Dual frequency ultrasound
- Stimulation outputs: two and four pole interferential, Diadynamic, TENS, Sinusoidal, Galvanic and interrupted galvanic, Faradic, Trabert, Medi-Wave, Russian & Microcurrent output
- Diagnostic feature to help locate difficult to pinpoint lesions
- Treatment protocols (same as for ultrasound and stimulation units)
- 2 independent output channels which allows 2 different treatments
- Operates in conjunction with EMS vacuum unit if required
- Mains powered as standard, optional battery available



“See page 17 for our Ultrasound Test Balance”

Technical Specification

Size (h/w/d) 108 x 237 x 333mm

Weight 1.5 kg

Treatment Programs: 10 user-defined set-ups

ULTRASOUND Frequency 1 & 3MHz

Maximum Intensity 1.5 W/cm² in CW, 3.0W/cm² pulsed

Maximum Output Power 6W average

Output Modes CW and pulsed 1:1, 1:2, 1:4, and 1:9

Pulse Duration 2 ms

Contact Monitor Light on transducer or audio signal

Transducer Large transducer ERA 4 cm², Small transducer 1MHz 0.6 cm² and 3MHz 0.4 cm²

Individual waveform see operating manual for full details

Ordering Information

Primo Combination 860

Primo Combination 860 therapy unit with large treatment head, 250 ml bottle of coupling medium, 2/4 pole patient lead, four medium (100 x 70 mm) rubber electrodes, four medium sponge covers, four electrode connection cables (blue and yellow) and two stretch bandages (1,200 x 75mm).

Mains powered only EMS860

Primo combination therapy unit as above.

Mains and battery powered version EMS806B

Accessory Ordering Information

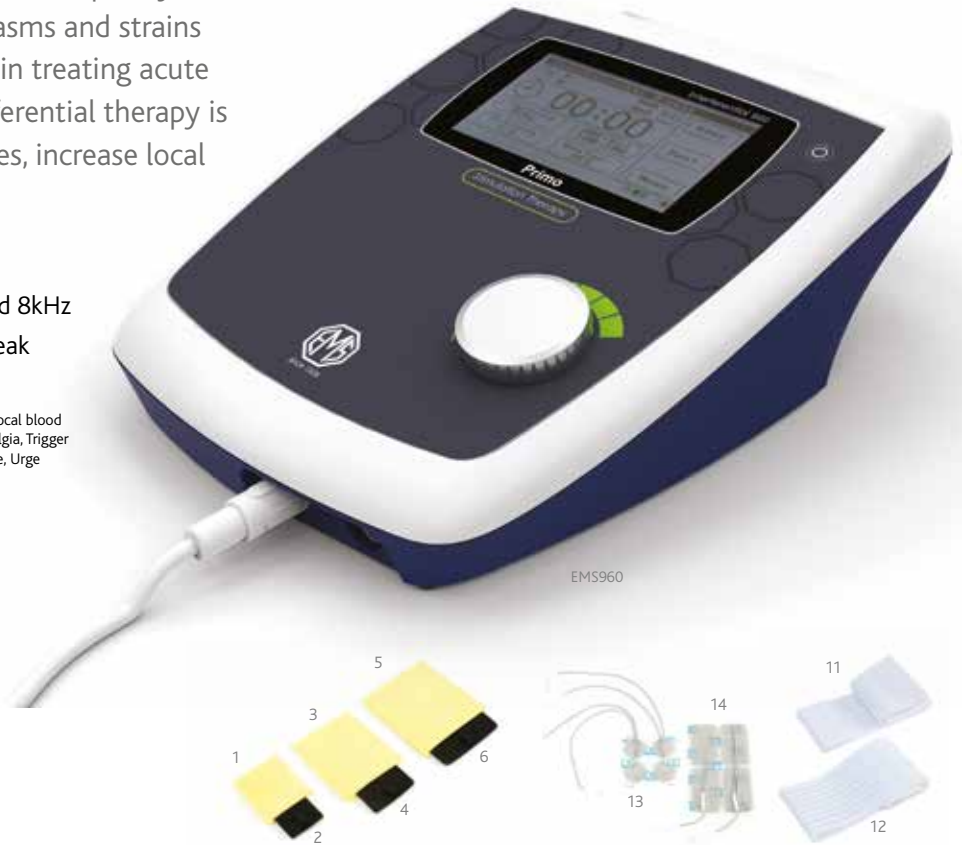
Large treatment head	PMA9125
Small Treatment Head	PMA9135
Padded carrying case (see page 13)	EMS530
Treatment trolley (see page 13)	EMS158

1. Small sponge electrode covers (set of 4)	NC3052A	10. Anuform anal probe (single patient use - 25mm diameter)	RB5164
2. Small conductive rubber electrodes (70 x 50 mm - set of 4)	NC3052B	11. Stretch bandage - 600 x 75mm	DU1
3. Medium sponge electrode covers (set of 4)	NC3053A	12. Stretch bandage - 1200 x 75mm	DU2
4. Medium conductive rubber electrodes (100 x 70mm - set of 4)	NC3053B	Stretch bandage - 600 x 50mm	DU4
5. Large sponge electrode covers (set of 4)	NC3054A	13. PALS platinum self adhesive electrodes (25 mm diameter, pack of 4)	RB450
6. Large conductive rubber electrodes (130 x 100 mm - set of 4)	NC3054B	14. PALS platinum self adhesive electrodes (33 x 54 mm, pack of 4)	RB410
7. 2/4-pole patient lead	PMA3055	15. PALS platinum self adhesive electrodes (50 x 50 mm, pack of 4)	RB430
8. Blue electrode connection cables (1 pair)	NC3057	16. PALS platinum self adhesive electrodes (80 x 100 mm, pack of 2)	RB440
8. Yellow electrode connection cables (1 pair)	NC3058	Other sizes available, by special order	
9. Perform vaginal probe (single patient use - 34mm diameter)	RB5160	Booklet - EMS Guide to Interferential & Combination Therapy	EDC303

Primo Interferential 960

The Primo Interferential 960 uses a mid-frequency electrical signal to treat muscular spasms and strains which makes it particularly effective in treating acute injuries, especially in sport. The interferential therapy is used to relieve pain, stimulate muscles, increase local blood flow and reduces oedema.

- Touch screen technology
- Three carrier frequencies - 2kHz, 4kHz and 8kHz
- 0-100mA peak constant or 0-70/140V peak constant voltage, depending upon mode
- **Treatment protocols:** Pain relief, Oedema, Stimulate local blood flow, OA Knee, Chronic low back pain, Acute low back pain, Fibromyalgia, Trigger points, Post operative knee pain, Fracture healing, Stress incontinence, Urge incontinence, Constipation (children)
- 2 independent output channels which allow 2 different treatments
- Operates in conjunction with EMS vacuum unit if required
- Easy wipe clean reducing the risk of cross-infection
- Mains powered as standard, optional battery available



Technical Specification

Power Input 18V, 3.33A external PSU
Battery Pack (optional) Internal Rechargeable (NiMH)
Classification (EN60601-1) Class 1, Type BF
Fuse Internal T3.15A
Size (height x width x depth) 108 x 237 x 333mm
Weight 1.3 kg (excluding battery)

Ordering Information

Primo Interferential 960
 Mains only interferential unit with 2/4-pole patient lead and four electrode connection cables (blue and yellow), four medium (100x70mm) rubber electrodes, four medium sponge covers and two stretch bandages (1200x75mm)
EMS960

Mains/battery Primo Interferential 960B
 Mains/battery interferential unit complete with standard accessories (as above)
EMS960B

Accessory Ordering Information

Booklet - *EMS Guide to Interferential & Combination Therapy*

EDC303

1. Small sponge electrode covers (set of 4)

NC3052A

2. Small conductive rubber electrodes (70 x 50 mm - set of 4)

NC3052B

3. Medium sponge electrode covers (set of 4)

NC3053A

4. Medium conductive rubber electrodes (100 x 70mm - set of 4)

NC3053B

5. Large sponge electrode covers (set of 4)

NC3054A

6. Large conductive rubber electrodes (130 x 100 mm - set of 4)

NC3054B

7. 2/4-pole patient lead

PMA3055

8. Blue electrode connection cables (1 pair)

NC3057

8. Yellow electrode connection cables (1 pair)

NC3058

9. Periform vaginal probe (single patient use - 34mm diameter)

RB5160

10. Anuform anal probe (single patient use - 25mm diameter)

RB5164

11. Stretch bandage - 600 x 75mm

DU1

Primo Multidyne 970

The Primo Multidyne 970 provides all low and medium frequency outputs from one unit. Stimulation therapy is used for rehabilitation purposes, preventing muscle atrophy caused by musculoskeletal injuries, such as damage to bones, joints, muscles, ligaments and tendons.

- Touch screen technology
- Stimulation on the Primo Multidyne 970 includes Interferential (2 and 4-pole), Russian, Diadynamic, TENS, Sinusoidal, Faradic, Galvanic, Interrupted Galvanic, Trabert, Medi-Wave and Microcurrent and S/D curve
- Three carrier frequencies - 2kHz, 4kHz and 8kHz
- Vector facility
- 0-100mA peak constant current or 0-70/140V peak constant voltage, depending upon mode
- Treatment protocols: Same as for interferential
- 2 independent output channels which allows 2 different treatments
- Operates in conjunction with EMS vacuum unit if required
- Easy wipe clean reducing the risk of cross-infection
- Mains powered as standard, optional battery available



EMS970



Technical Specification

Power Input 100-240 Vac 50VA 50/60Hz
Output Voltage 0-60V, 0-70V Peak or 0-140V Peak Dependent on Mode
Size 108 x 237 x 333mm
Battery (Optional) Internal Rechargeable (Nimh)
Weight 1.5kg
Output Type Constant Current or Constant Voltage
Treatment Time 0-30 Minutes
Output Current 0-70mA Or 0-100mA Dependent on Mode
Output Mode 2 channel (Independent output only)

Ordering Information

Primo Multidyne 970
 Mains only unit with 2/4-pole patient lead and four electrode connection cables (blue and yellow), four medium (100x70mm) rubber electrodes, four medium sponge covers and two stretch bandages (1200x75mm)
EMS970

Mains/Battery Primo Multidyne 970B
 Mains/battery unit complete with standard accessories (as above)
EMS970B

Accessory Ordering Information

12. Stretch bandage - 1200 x 75mm	DU2
Stretch bandage - 600 x 50mm	DU4
13. PALS platinum self adhesive electrodes (25 mm diameter, pack of 4)	RB450
14. PALS platinum self adhesive electrodes (33 x 54 mm, pack of 4)	RB410
PALS platinum self adhesive electrodes (50 x 50 mm, pack of 4)	RB430
PALS platinum self adhesive electrodes (80 x 100 mm, pack of 2)	RB440
Other sizes available, by special order	
Padded bag (see page 13)	EMS530
Treatment trolley (see page 13)	EMS158



EMS530

Vacuum 655

The Vacuum 655 is designed to be used with the Primo Interferential 960 and Primo Multidyne 970 stimulation units. In addition, the Vacuum 655 can be used on any previous model of EMS interferential units purchased within the last 10 years.

- Lightweight
- Pulsed or continuous vacuum
- Powerful super-quiet vacuum with virtually no vibration
- Channel selection option - Channels A+B or Channel A only
- Supplied with complete set of accessories



EMS655



Technical Specification

Power Input 100-240 Vac 50/60Hz
Vacuum 0-0.5 Bar, Continuous or Pulsed
Channel Selection A+B, or A Only
Classification Class 1 Type BF (EN 60601-1)
Size 65 x 210 x 100mm (excluding water trap)
Weight 1.5kg

Ordering Information

Vacuum 655
 Complete unit includes four vacuum electrode cups (60mm) each with sponge inserts, four vacuum electrode leads and one link lead to connect unit to interferential / stimulation unit.
EMS655

Accessory Ordering Information

Link lead to Primo Interferential 960 or Primo Multidyne 970 **PMA3067**
 Link lead to SoLo Interferential 955 or SoLo Multidyne 965 **SLA3066**
 Link lead to connect only to MEDI-LINK interferential module or earlier EMS interferential units **SLA3067**
 Pair of 60 mm vacuum cups (one yellow, one blue) **NC3068**
 Pair of sponge inserts for 60 mm vacuum cups **NC3068A**

Pair of 100 mm vacuum cups (one yellow, one blue) **NC3069**
 Pair of sponge inserts for 100 mm vacuum cups **NC3069A**
 Set of four vacuum leads **NC3070**

SoLo Laser 755

The SoLo Laser 755 has two sockets for single or cluster probes ensuring quick and easy treatments. It is supplied mains only as standard with an optional battery available if required.

- Lightweight and easy to use
- Frequency range 2Hz - 20kHz
- Time setting automatically indicates the power in joules
- Joules power setting automatically indicates time required
- Memory function for easy recall of favourite programs
- A range of probes - single point and cluster
- Optional shoulder bag and treatment trolley available



Technical Specification

Power Input 100-240Vac 50VA Max 50/60Hz
Timer 0-10 Minutes
Battery Internal Rechargeable (Nimh) - Optional
Classification Class 1 BF (EN 60601-1)
Size 240 x 210 x 100mm
Frequency 2Hz - 20kHz
Weight 1.5kg

INFRARED LASER PROBE SLA9825

Output Power (Ave) 100mW
Wavelength 905nm
Duty Cycle 9%

VISIBLE LED PROBE SLA9830

Output Power (Ave) 10mW
Wavelength 640nm
Duty Cycle 90%

19-DIODE CLUSTER PROBE SLA9840

Output Power (Ave) 9x10mW (Visible) & 10x15mW (Infrared)
Wavelength 640nm & 950nm
Duty Cycle 90%

60-DIODE CLUSTER PROBE SLA9860

Output Power (Ave) 32x10mW (Visible) & 28x15mW (infrared)
Wavelength 640nm & 950nm
Duty cycle 90%

Ordering Information

SoLo Laser	
Mains powered unit	EMS755
Mains/battery unit	EMS755B

Accessory Ordering Information

100mW infrared laser probe (905nm)	SLA9825
10mW visible LED probe (640nm)	SLA9830
19-diode LED cluster probe (9x640nm, 10x950nm)	SLA9840
60-diode LED cluster probe (32x640nm, 28x950nm)	SLA9860
Set of protective goggles (two pairs)	RB308
Treatment trolley	EMS158
Lightweight carrying bag	EMS530
Booklet - An introduction to Low Level Laser Therapy by Prof David Baxter	EDC302

Megapulse Senior 265

Continuous & Pulsed Shortwave Therapy

EMS Physio is one of the world's largest specialised manufacturers of shortwave therapy products. The Megapulse Senior 265 offers pulsed and continuous shortwave therapy with many additional features, including a new colour touchscreen and user interface.

- 1,000W pulsed and 400W continuous maximum power output
- Optional treatment protocols, based on clinically proven results
- Continuous and pulsed shortwave from one unit
- Colour touchscreen
- On-screen simplicity for quick set-up
- 10 programmable memory functions
- Distinctive ergonomic design with rugged, lockable castors
- Wide range of pulse widths: 20 - 400 microseconds
- Wide range of pulse frequencies: 5 - 800 pulses per second
- Up to 30 minutes treatment time
- Choice of output modes: continuous or pulsed 1 in 3, 2 in 3 and 3 in 3
- Complete with durable electrode arms and two 100mm capacitive electrodes

improved
console
design



Technical Specification

Mains Supply 100-240 Vac, 1kVA max, 50/60Hz
Size 470 x 470 x 940mm
Weight 38kg
Frequency 27.12MHz
Output Power 400W maximum in Continuous Mode 1000W maximum Peak Power In Pulsed Mode
Output Modes Continuous, Pulsed 1 in 3, 2 in 3 & 3 in 3
Classification Class1
Type BF (EN 60601-1)
Pulse Width 20-400 μ s
Pulse Frequency 5-800 Pulses Per Second
Timer 0-30 Minutes with termination of output and alarm at end of treatment
Tuning Automatic

Ordering Information

Megapulse Senior 265
 Megapulse Senior 265 shortwave unit including two electrode arms, two 100mm capacitive electrodes with cables, output tester and user manual
EMS265

Accessory Ordering Information

Monopulse inductive applicator	SLA990
Flexipulse capacitive applicator	SLA991
100mm capacitive electrodes and cable (one pair)	SLA992
50mm capacitive electrodes and cable (one pair)	SLA993

One pair rubber electrodes, 180 x 120mm, with four felt spacers	SLA996
Felt spacers only, for above	SLA9960
One pair rubber electrodes, 260 x 180mm, with four felt spacers	SLA997
Felt spacers only, for above	SLA9970
Shortwave treatment protocols	EDC323

Experience the new generation of user interface with the improved Megapulse Senior.

- Incorporating new colour touchscreen technology (allowing the user to control the unit even when wearing surgical gloves)
- Larger, clearer screen size
- Pictorial guidance with clinical protocols
- QWERTY keyboard for clinic personalisation and notes
- On screen user assistance
- Improved audio-sound technology
- In-built service indicator for routine maintenance



SLA990



SLA991



SLA992



SLA993



SLA996



Clear, informative colour touchscreen.



Evidence based clinical protocols.



Simple manual set up.

Megapulse 260

Pulsed only shortwave

The new Megapulse 260 pulsed-only unit now offers the therapist a range of clinically proven treatment protocols without the need for cross-referencing treatment outputs as in the past. The unit has undergone extensive improvements and redesign and now incorporates:

- Colour touchscreen technology (allowing the user to control the unit even when wearing surgical gloves)
- Larger, clearer screen size
- Pictorial guidance with clinical protocols
- QWERTY keyboard for clinic personalisation and notes
- On screen user assistance
- Improved audio-sound technology
- In-built service indicator for routine maintenance

new

Technical specification

Mains Supply: 100-240 Vac, 1kVA max, 50/60Hz

Frequency: 27.12MHz

Output Power: 200W maximum Peak Power in Pulsed Mode

Output Modes: Pulsed 1 in 3, 2 in 3 and 3 in 3

Classification: Class 1, Type BF (EN 60601-1)

Pulse Width: 20-400 μ s

Pulse Frequency: 5-800 pulses per second

Timer: 0-30 minutes with termination of output and alarm at end of treatment



Trolley & carrying case

A treatment trolley is available for use with any portable EMS Physio product, with a drawer provided as standard and optional accessories can be added according to your needs.

A protective carrying case is also available.



EMS530



EMS158

UNITS AND ACCESSORIES NOT INCLUDED -
FOR ILLUSTRATION ONLY

Technical Specification

TREATMENT TROLLEY

Dimensions 880mm (H) x 580mm (W) x 420mm (D)

PADDED CARRYING CASE

Dimensions 300mm x 240mm x 150mm

Ordering Information

Treatment trolley	EMS158
Padded bag	EMS530

Accessory Ordering Information

Gel dispenser holder	ML9920
Large wire basket (recommended)	ML9930
Small wire basket	ML9940
Water tray (for use with ML9940)	ML9950

Zimmer EnPuls shockwave unit

The EnPuls shockwave unit is an innovative and portable radial pulse therapy system, designed as a compact efficient and user friendly unit. The applicator head is a patented electromagnetic technology, providing one of the most reliable and durable units available.

The applicator head delivers a ballistic projectile, transferring kinetic energy to the transmitter head in the head piece resulting in a pulse radiating out from the contact area into the desired treatment area.

Shockwave therapy delivered by the Zimmer EnPuls is proven to be more comfortable for the patient than comparative shockwave systems.

- Touch screen operated
- Indication menu with preset treatment protocols
- Energy levels from 60-185mj (equivalent 1-5 bar); adjustable precisely in steps of 10 mj
- Pulse frequencies from 1 to 22 Hz
- Burst mode for Trigger Point Treatment
- Positive shockwave counter
- Negative shockwave counter with value preset
- SD-card for indication menu memory, favourites and adapted programmes



Technical Specification

User Interface Colour touch-screen for all software operations
 Rotary control for energy level and for frequency
 Hand piece operation with multi-directional footswitch
Pressure 1-5 bar, equivalent to 60-185 mj
Frequency 1-22hz
Burst mode 3 Burst modes (4/8/12 pulses)
Pre-set programmes 7 pre-set programmes, adjustable
Protocols More than 25 illustrated pre-set treatment recommendations

User defined therapies

Dimensions 322 x 235 x 130 mm (L/W/H)
Weight 0,85kg with cable
Mains supply 100-240 V / 50/60 Hz, max. 250 VA
Applicator head lifetime 2,000,000 shocks
Applicator sizes 6,15 (2 applicators in this size) and 25mm

Ordering information

Zimmer shockwave unit. Aluminium case with EnPuls, hand piece, applicator head 6/15 (2x)/25 mm, 10 silicone caps blue, footswitch, mains cable, 1 bottle EnPuls lotion, operating instructions
SHO004

Topline shockwave unit

A compact and lightweight unit with outputs covering a wide range of therapeutic needs, the Topline is ideal for a smaller treatment unit. It is portable and self-contained, with the high output compressor fitted within the unit itself. For non-portable use, a new ergonomically designed trolley is also available.

- Pressure up to 4 bars
- Frequency up to 15Hz
- Intuitive operation with colour touch-screen
- Only 7 kg weight including the built-in compressor
- Therapeutic protocols with colour anatomical images



Technical Specification

User-interface colour touch-screen
Pressure 1-4 bars
Frequency 1-15Hz
Single & continual mode yes
Preset programs 13
Protocols yes
Protocols with anatomical images yes
User-defined therapies 100
Dimensions 320 x 190 x 280 mm (main unit)
Weight 7 kg (main unit without accessories)
Mains supply 230V/ 50-60Hz, 115V/ 50-60Hz
Class MMD 93/42/EEC IIb
Equipment protection class II (in accordance with IEC 536)

Ordering Information

Topline Shockwave unit- SWT applicator,
 Transmitters: 9, 15mm multi-focused and
 15mm focused, Gel 300ml and Touch
 screen pen pointer **SHO001**
 Trolley for Topline Shockwave unit **SHO002**

UK ONLY

“ This is one of the most comfortable applicators on the market with its ergonomic grip and elimination of backward shock ”

Osteotron IV

The sound pressure stimulation provided by the LIPUS (Low Intensity Pulsed Ultrasound System) accelerates the formation and union of fractured bone and promotes rapid recovery.

- Three-step output control and two frequencies, 1.5 MHz or 0.75 MHz (optional), for shallow or deep fracture areas
- Simultaneous therapy of multiple areas with 2-channel output capability
- Self contained in its own carrying system
- Mains powered as standard, optional battery available



OST02

Technical Specification

Power supply DC 4.8 V, 4 X Nickel metal hydride rechargeable battery

Ultrasound frequency 1.5 MHz or 0.75 MHz (optional)

Pulse frequency 100Hz or 1000 Hz

Ultrasound intensity 30mW /cm², 45 mW/cm² or 60mW/cm² (SATA)

Timer 20 or 30 min

Classification Class I / Internally powered equipment Type BF, Class IIa / MDD

Dimensions 98 (W) x 40 (D) x 145 (H) mm

Weight 240 g (without batteries)

Ordering Information

Osteotron IV **OST02**

Unit supplied with two ultrasound probes 1.5 MHz, probe retainers, AC adaptor, power cable for AC adaptor (for EU), ultrasound gel and carrying bag

“ Provides effective treatment to fresh fractures, delayed unions and non-unions ”

Precision Ultrasound Balance

The precision ultrasound balance has been designed for use by service engineers for simple but precise measurement and calibration of ultrasound output. It has been developed for use by technicians who need accurate and easy to read measurements when servicing ultrasound units.

- Calibration traceable to National Standards is available
- Accuracy of output measurement
- Repeatable measurements giving laboratory standards of accuracy
- Measurement of output for EMS Physio and other makes of ultrasound equipment
- Ease of assembly and use
- Can be used in the laboratory or on customer site
- Complete with protective carrying case



CAL102

Technical Specification

Accuracy (scale factor) 10%
Resolution 0.02 watts
Linearity <0.1 watts
Stability <0.1 watts/10 minutes
Zero drift <0.1 watts/hour
Warm up time < 10 minutes
Full scale 30 watts
Power input (AC) 100mA @ 240 V
Size 222 x 300 x 300mm
Weight 1.4kg
Water capacity 1 litre
Recommended frequency range 0.8 to 3.5MHz

Ordering Information

EMS precision ultrasound balance	CAL102
Certificate of Calibration (for EMS Precision Ultrasound Balance)	RTB03
Battery	RTB04
Budget ultrasound output indicator	RTB01

...and for a
swift check
of ultrasound
output

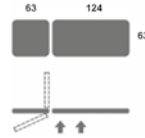


Two-section couch

Electric or hydraulic options.



RH075A, RH075B,
RH076A, RH076B

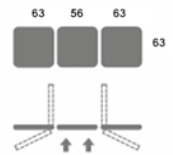


Three-section couch

Electric or hydraulic options.



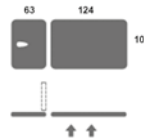
RH078A, RH078B,
RH079A, RH079B



Neurology couch



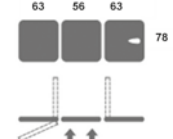
RH081



50 stone couch



RH050S



Technical Specification

TWO SECTION COUCH

Length: 188 cm (74")
Width: 63 cm (25")
Height: 46 cm (18") to 95 cm (37")
Maximum lifting weight: 225kg (35 stone)
Breathing hole: optional
Hydraulic or electric
Packed Weight: 82 Kg
Shipping Dimensions: 190 x 66 x 64 cm

THREE SECTION COUCH

Length: 185 cm (73")
Width: 63 cm (25")
Height: 46 cm (18") to 95 cm (37")

Maximum lifting weight: 225kg (35 stone)

Breathing hole: optional
Hydraulic or electric
Packed Weight: 82 Kg
Shipping Dimensions: 190 x 66 x 64 cm

NEUROLOGY COUCH

Length: 189 cm (74")
Width: 102 cm (40")
Height: 41 cm (16") to 90 cm (35.5")
Maximum lifting weight: 320kg (50 stone)
Breathing hole

Hydraulic or electric
Packed Weight: 130Kg
Shipping Dimensions: 190 x 102 x 57 cm

50 STONE COUCH

Length: 183 cm (72")
Width: 79 cm (31")
Height: 48 cm (19") to 99 cm (39")
Maximum lifting weight: 320kg (50 stone),
Breathing hole
Electric
Packed Weight: 120 Kg
Shipping Dimensions: 190 x 66 x 64 cm

Ordering Information

2-section couch - hydraulic model	RH075A
2-section couch - hydraulic model with breathing slot	RH075B
2-section couch - electric model	RH076A

2-section couch - electric model with breathing slot	RH076B
3-section couch - hydraulic model	RH078A
3-section couch - hydraulic model with breathing slot	RH078B
3-section couch - electric model	RH079A
3-section couch - electric model with breathing slot	RH079B
Neurology couch	RH081
50 stone couch	RH050S
Agent Couch two section with breathing slot (image not shown) Budget option	RH072
Agent Couch three section with breathing slot (image not shown) Budget option	RH073

Traction unit

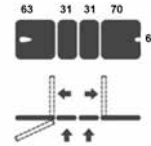
A reliable and proven model suited to a broader range of symptoms than conventional models, featuring, for example, selectable pulling speed and programmable number of ramp steps in progressive/cyclic mode and the pause time for each step.



RH087

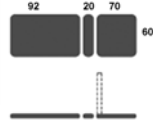
Traction table

Friction free rolling top traction table, it is ideal for both lumbar and cervical traction.

RH084, RH085
TRACTION UNIT
NOT INCLUDED

Portable couch

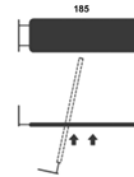
An easy-to-assemble, lightweight portable couch which is also very strong and rigid. It has a breathing slot and adjustable head rest, with a carrying bag supplied as standard.



2702

Variable height tilt table

Lowering to just wheelchair height this couch features electric height and tilt, large toe braked castors, adjustable harnesses and crutch handles.



RH083

Technical Specification

TRACTION UNIT

Power supply 110-240 VAC 50/60HZ
LCD Display 320 x 240pixels **10 languages**
High/ Low force range 1-90 (198 lbs)/ 0-89 kg (197 lbs) ± 3 kg
Free program memory 30
Safety class Class I Type B, Class IIa/ MDD
Dimensions 260(W) x350 (D) x295 (H) mm
Weight 14 kg

TRACTION TABLE

Width 65cm, **Height** 65cm, **Length** 199cm, **Height range** 46cm to 95cm, **Maximum lift** 160kg (25 stone), Breathing hole and plug fitted as standard
Traction unit not included

PORTABLE COUCH

Width 60cm (24")
Length 182 cm (72")
Height 60cm (26") - 86cm (34")
Max User Weight 220kg (34 stone)

VARIABLE HEIGHT TILT TABLE

Width 60cm
Length 190cm
Variable height range 48cm to 97cm
Maximum lift and tilt 160kg (25 stone)
Tilt angle from horizontal to 85 degrees
Packed weight 103kg
Shipping dimensions 190 x 66 x 64cm

Ordering Information

Variable height tilt table	RH083
Traction table - hydraulic	RH084
Traction table - electric	RH085
Traction machine	RH087
Portable couch	2702

Treatment couch accessories

A range of accessories is available including a foot switch (that allows you to operate the couch effortlessly with your feet thus keeping your hands free), paper towel holder (to keep rolls of paper to hand), flexion stool (to assist in the positioning of the lumbar spine in either neutral or flexed position when applying traction) and of course cot sides for complete patient security.



Technical Specification

Flexion stool
Upholstery size 58cm x 42cm
Height range 30cm to 44cm

Ordering Information

Flexion Stool	RH086
Paper towel holder	RH088
Stirrups (not shown)	RH092
Foot switch	RH093
Cot sides (not shown)	RH094
Patient table (not shown)	RH095
Towelling cover	RH096

Upholstery

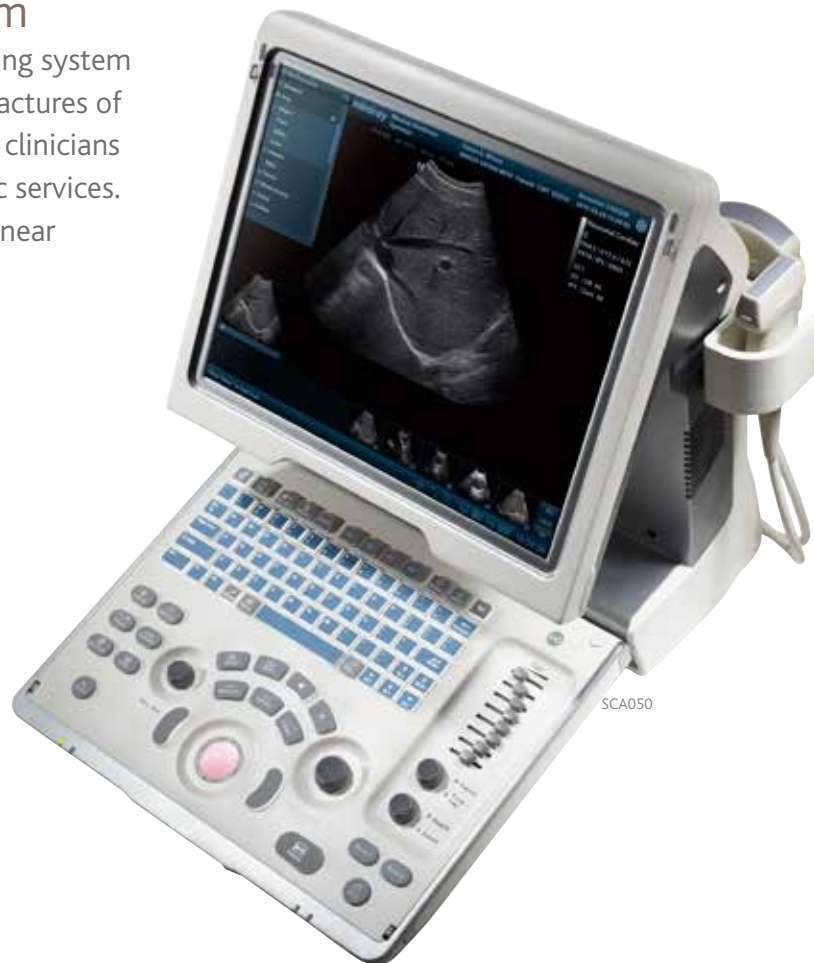
All coverings are vinyl and washable, fire retardant to BS 7176, BS 5852 part 2 (crib 5) and offer excellent resistance to wear. Most include patented anti microbial technology, proved effective in inhibiting the growth of E-Coli and Staphylococcus Aureus (MRSA), and all are suitable for cleaning and disinfecting with NaDCC based products.

Note: unless specified Beige will be supplied.



DP-50 Portable Imaging System

An affordable, sophisticated diagnostic imaging system from one of the world's most reliable manufacturers of ultrasound scanners, the DP50 is suitable for clinicians who offer an established choice of diagnostic services. The system is delivered complete with one linear transducer as standard.



Technical Specification

DP-50 SCANNER

System Specifications

Net Weight 7.7 kg

Dimensions 19.0 cm L x 41.5 cm W x 37.8 cm H

Display 15" diagonal LCD (NTSC or PAL)

Display Language English, French, German, Italian, Portuguese, Russian, Spanish, Polish, Czech, Turkish, Finnish, Danish, Icelandic, Norwegian, Swedish and Simplified Chinese

Power System operates via rechargeable lithium-ion battery or AC power

Application Dedicated Software Package:

Abdominal, Obstetrical, Gynaecological, Cardiac, Small parts, Urological, Vascular (including IMT Study), Nerve and Emergency package

Ordering Information

DP-50 Scanner 15-inch LCD monitor, one transducer linear connector 5-10 MHz L38mm, control panel, handle, phase shift harmonic imaging, trapezoid imaging, slant scanning for linear probes (2D Steer),

iBeam™, iTouch™, ExFOV Imaging for Convex Probe, iStation™, 320G

integrated hard disk, I/O Interfaces

SCA050

Accessory Ordering information

8-12MHz L23mm broadband Linear array **SCA014**

5-10MHz L53mm broadband Linear array **SCA015**

5-10MHz L38mm broadband Linear array **SCA016**

CPM Machines

A wide range of CPM units for motorised motion of the limbs and joints incorporating anatomical design with support in rehabilitation work. These top-quality units will fit virtually all patients and are fully adjustable in motion to suit post-operative and post-injury conditions.

Performa Knee CPM



CPM03

Elbow CPM



CPM05

Centura Shoulder CPM



CPM06

Maestra Hand and Wrist CPM



CPM08

Technical Specification

PERFORMA KNEE CPM

Range of motion knee -3° to 130°, hip from 8° to 30°, ankle plantar flexion 40° dorsiflexion 30° internal rotation 30° external rotation 30°,
Specification Patient height 1.1m to 2.06m.,
Speed from 50°/minute to 220°/minute,
Weight 15kg,
Length 1.09m

ELBOW CPM

Range of Motion: Flexion 135°
Extension: 0°
Pronation/ Supination 90°
Speed (cycle of 0°-135°): 3 min 50 sec to 1 min

Specification Patient height: 140 to 190cm
Weight 21kg
Dimensions: 72 x 65 x 130cm

CENTURA SHOULDER CPM

Range of Motion: Flexion 180°
Extension 20°
Abduction, 160°
Adduction 20°
External Rotation 90°
Internal Rotation 60°
Horizontal Abduction -30° to 110°,
Synchronized Abduction and Rotation:
 Abduction 160°, Adduction 20°, External Rotation 90°, Internal Rotation 30°

Patient Height From 4'2" to 6'6" (1.3-2m) tall,
Weight 50 lb. (23kg)
Dimensions (Set-up position) Length: 27" (70cm)
 Width: 27" (71cm) Height: 35" (90cm)

MAESTRA HAND & WRIST CPM

Range of Motion: Fingers: 45°
hyperextension, 270° flexion (full fist)
Thumb: Full opposition
Wrist: 55° flexion – 90° extension, 90°
Pronation – 90° Supination, Full abduction/adduction, Weight: 23 lbs. (10.5kg)

Ordering Information

Performa Knee CPM including accessories **CPM03**

Elbow CPM with base including accessories **CPM05**

Centura shoulder CPM including accessories **CPM06**

Maestra hand and wrist CPM including accessories **CPM08**

GAITRite Platinum

The GAITRite system is an instrumented walkway and software program that automates the measurement of temporal (timing) and spatial (distance) gait parameters, such as cadence, step length and velocity. It's portable, can be rolled out over any flat surface and requires no placement of any devices on the patient. The system will require connection to a suitable PC or laptop computer.

- Roll-up walkway
- Ideal for space saving
- No complicated wires attached to the patient
- Immediate pre-and post-treatment feedback
- Integrated USB camera to merge digital video files with GAITRite data
- Visible and objective outcome measurements
- 2 years warranty
- GaitRaw software – optional function for detailed research analysis



Technical Specification

GAITRite Platinum
16' Portable Walkway System,
Overall Dimensions: 228 x 35.5 x .25 inches (L x W x H)
Active Area: 192 x 24 inches (L x W)
Weight: 55 lbs. for this model (65 lbs. with wheeled carrying case)
Sampling Rate: 60Hz, 120Hz, 180Hz and 240Hz
Communications: USB
Sensor: .4 inches square, dual control

Number of Sensors: 18,432 sensors, placed on .5 inch centres arranged in a 48 x 384 grid
Power Requirements: 12Vdc
Top Cover: Vinyl with square thread reinforcement, waterproof and chemical resistant
Bottom Cover: Open cell foam rubber,
BNC synch out Synchronize to other devices; Analog-in and integrated metronome circuit, GAITVideo software + USB Camera

Ordering Information

GAITRite platinum- gait analysis system with sensor mat, connections, video camera, software and tutorial CD in a rigid protective case

GAITRite system 14 foot (including above accessories)	CIR020
GAITRite system 16 foot (including above accessories)	CIR021
GAITRite system 20 foot (including above accessories)	CIR022
GAITRite system 26 foot (including above accessories)	CIR023

Accessory Ordering Information

GAITRaw Software	CIR005
Extended warranty available - recommended	CIR008

Varitherm Wax Bath

An established unit used around the world. This is efficient and odour-free and heats up to 18kg of wax. It is thermostatically controlled with a safety cut-out in the event of lack of water.



LNC884

Therabath paraffin bath

A form of thermotherapy, paraffin treatments effectively increase blood flow to aid in rehabilitation, or to warm an area of the body prior to other therapies or exercise.



PAR02

Infrared lamp

Infrared lamp with 250W bulb and dimmer facility. The heat intensity is fully adjustable and the unit is supplied complete with protective grilles and table bracket.



NC618



NC618A

Non-EU
countries
only

OPTIONAL FLOOR STAND MUST
BE ORDERED SEPARATELY

Technical Specification

VARITHERM WAX BATH:

Power Requirement 200/240 Vac, 3kW

Water Capacity 17 litres

Dimensions 760 x 410 x 440mm

Weight 58kg With Water and Wax

THERABATH PARAFFIN BATH:

Power, Model TB7: 220–240V, 0.8–1.0A, 50–60Hz

Heater: 160-250 watts

Operating temperature: 52.2°–56.7° C

Size: 36.32 cm L x 20.83 cm W x 19.1 cm H

Packed dimensions: 44 cm L x 38 cm W x 22 cm H, 11kg.

Capacity: 4kg

Melt time: 6-8 hours

Duty cycle: continuous operation

Degree of protection against moisture ingress: IPX0

220V unit must be used with a hospital grade cord of at least the following maximum ratings: 10 A, 220 VAC.

Additional Information

Weight 2 kg

Dimensions 363 x 208 x 191 mm

Ordering Information

Varitherm wax bath with aluminium dust cover (200-250V)

LNC884

Therabath (220-240V)

120V also available on request

PAR002

Infrared lamp

NC618

Floor stand for NC618

NC618A

Accessory Ordering Information

Tubular steel stand for wax bath (supplied flat-packed)

LNC885

Wax bath thermometer

(supplied as standard with LNC884 & LNC882)

T1A

Paraffin wax - per 25kg

P11

Hotpak heater

A hotpak heater is available from EMS Physio offering a large heating capacity, lockable wheels for better mobility and improved heat insulation.

- Made from stainless steel (no corrosion)
- 70 litre water capacity
- Protective resistance heating grill
- Adjustable digital thermostat
- Fully insulated to reduce heat loss
- Full drainage valve
- Lockable wheel system
- Capacity to hold 10 hot packs (supplied separately).



Hotpaks

A range of hotpaks is available in various shapes and sizes including a contoured neck bag - fabric covered and re-usable to give soothing heat therapy.



LNC401-LNC405

Technical Specification

Power Requirement 220 - 240V 50/60Hz

Water Capacity 70 litres

Dimensions 55(L) x 45(W) x 78(H)

Temperature range 1-99°

Weight 32kg (without water)

Ordering Information

Hotpak heater

LNC410

Accessory Ordering Information

Hotpack Size 1 (300 x 250mm)

LNC401

Hotpack Size 2 (300 x 125mm)

LNC402

Hotpack Size 3 (610 x 115mm)

LNC403

Hotpack Size 4
(neck contour 600mm long)

LNC404

Hotpack Size 5 (370 x 600mm)

LNC405

Scotsman ACM25 Easy Ice Cuber

No plumbing
required –
built-in waste
water pump



Scotsman AC46 Ice Cuber



Scotsman AF100 Flake Ice Machine



Scotsman AF80 Flake Ice Machine



Technical Specification

SCOTSMAN ACM25 EASY ICE CUBER

Dimensions 640(h) x 380(w) x 380 (d) mm

Max. Production/24hrs 10 kg / 500 cubes

Bin Capacity 9 kg

Weight 29 kg

Water Consumption/24h (A) N/A

Water Consumption/24h (W) N/A

Voltage Options 230/50/1,230/60/1

Electricity Consumption 4.5 kwh

SCOTSMAN AC46 ICE CUBER

Dimensions 645(h) (+120 with legs) x 386(w) x 600(d) mm

Max. Production/24hrs 24 kg

Bin Capacity 9 kg

Weight 35 kg

Water Consumption/24h (A) 77 L

Water Consumption/24h (W) 400 L

Voltage Options 230/50/1

Electricity Consumption 8 kwh

SCOTSMAN AF100 FLAKE ICE MACHINE

Dimensions 1006mm(h) (legs+120mm) x 952mm(w) x 622mm(d)

Max. Production/24hrs 105 kg

Bin Capacity 30 kg

Weight 63 kg

Water Consumption 75 L

Water Filter APS3S

Electricity consumption 9kwh

Circuit rating / Voltage 13 Amps@230/50/1

SCOTSMAN AF80 FLAKE ICE MACHINE

Dimensions 1006(h) (+120 with legs) x 592(w) x 622(d) mm

Max. Production/24hrs 85 kg

Bin Capacity 32 kg

Weight 63 kg

Water Consumption/24h (A) 75 L

Water Consumption/24h (W) N/A

Voltage Options 230/50/1,230/60/1,115/60/1

Electricity Consumption 9 kwh

Ordering Information

Scotsman Easy Ice Cuber **ACM25**

Scotsman EC46 ice cuber **AC46**

Scotsman AF100 flake ice machine **AF100**

Scotsman AF80 flake ice machine **AF80**

Pulse Press

Dynamic Compression Therapy has been clinically proven to significantly improve healing time in the treatment of oedema and other venous and lymphatic disorders of the lower limb. When used post surgery, reduces the chance of a D.V.T occurring.

Physio 3



PCT030

Physio 6



PCT031

Physio 12



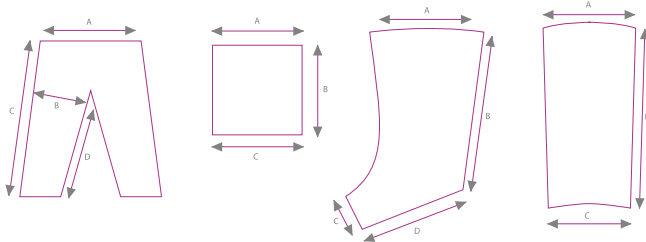
PCT033

Lymph 12 Pro



PCT064

Garment Sizes Key



Ordering Information

Pulse Press Physio 3	PCT030
Pulse Press Physio 6	PCT031
Pulse Press Physio 12	PCT033
Lymph 12 Pro	PCT064

Accessory Ordering Information

Garment to use with Physio 3		Garment Size Guide (cm)				
		A	B	C	D	E
Half Arm Sleeve	PCT018	50	43	42		
Wide Long Arm Sleeve	PCT019	60	76	47		
Half Legging	PCT020	60	76	47		
Long Legging	PCT021	70	74	32	31	50
Long Arm + Shoulder	PCT049	60	76	47		
Long Leg	PCT050	78	67	34	31	60
Ex. Wide Long Leg	PCT051	90	75	40	31	80
Wide Long Leg	PCT052	80	83	32	31	54
Wide Long Leg	PCT053	84	90	32	31	53
Garment to use with Physio 6						
Wide Long Arm Sleeve	PCT022	60	76	47		
Long Legging	PCT023	70	74	32	31	50
Wide Long Legging	PCT025	80	83	32	31	54
Wide Trouser Garment	PCT027	130	80	120/13778/95		
Long Arm + Shoulder	PCT054	60	76	47		
Ex. Wide Long Leg	PCT057	90	75	40	31	80
Wide Long Leg	PCT058	84	90	32	31	53
Garment to use with Physio 12 and Lymph 12 Pro						
Wide Trouser Garment	PCT060	130	30	120/13778/95		
Wide Long Arm	PCT061	60	76	47		
Long Arm + Shoulder	PCT062	60	76	47		
Wide Long Leg	PCT063	80	83	32	31	54
Bariatric Legging	PCT065	92	82	40	31	80
Lymph Legging	PCT066	82	80	120/13778/95		

Technical Specification

PHYSIO 3
 3 chamber sequential gradient compression
 Pressure 30-100 mmHg,
 Compressor 14-20 ltrs/min
 Cycle Times Inf. 5-120 secs, Def. 5-60 secs
 Garments 1 ch and 3 ch
 Size 166 x 135 x 150 mm
 Weight 1.85 kg

PHYSIO 6
 6 chamber sequential gradient compression
 Pressure 30-100 mmHg
 Compressor 14-20 ltrs/min
 Cycle Times 5-120 secs inflation, 5-60 secs deflation
 Garments 3 ch and 6 ch
 Size 187 x 155 x 150 mm
 Weight 2.10 kg

PHYSIO 12
 12 chamber sequential gradient compression
 Pressure 30-100 mmHg
 Compressor 24-30 ltrs/min
 Cycle Times 5-120 secs inflation, 5-60 secs deflation, 5-120 mind therapy
 Garments 6 ch and 12 ch
 Size 187 x 155 x 150 mm
 Weight 3.15 kg

LYMPH 12 PRO
 12 chamber sequential gradient compression
 Pressure 30-100 mmHg
 Compressor 16-24 ltrs / min
 Cycle Times Inflation Automatic, Deflation Automatic, Therapy 30-60 mins
 Mode Selection x7 different modes
 Size 187 x 166 x 150 mm
 Weight 3.15 kg

Kettler Run 7 Treadmill

- low impact
- effortless movement
- integrated POLAR receiver



EXE009

Golf P Eco Upright Bike

- generator driven power system
- heart rate light to indicate a safe level of exercising
- self-assembly



EXE007

Giro R Recumbent Exercise Bike

- the step-thru frame
- comfortable design
- advanced programming



EXE006

Ergometer E3 Upright Exercise Bike

- step-thru frame
- comfortable upright seated posture
- high carbon steel frame



EXE008

Technical Specification

KETTLER TRACK PERFORMANCE TREADMILL

LCD: 3D matrix and continuous display of 7 functions

16 programmes: including HR Control and fitness recovery test

Polar: Integrated POLAR receiver and hand sensors for pulse measurement

Speed: 0.8-18 km/h (in 0.1 km/h steps)

Setting of incline: 0-18% motor-adjustable

Running surface: 145 x 52 cm

User Weight Limit: 140 kg (22st)

Assembled Dimensions: L202 x W88 x H136cm

Folded Dimensions: L106 x W88 x H185cm

Boxed Dimensions: L224 x W87 x H32cm

KETTLER GIRO R RECUMBENT EXERCISE BIKE

Magnetic brake system: 16 stages of resistance

LCD: 8 programs including HRC

Programmes include: Time, distance covered per session, total distance covered, speed, pedalling speed, energy consumption

Flywheel mass: 9kg

Transport: castors at front and height adjustment at rear

Maximum user weight: 130 kg (20st 6lb)

Dimensions: L170 x W63 x H116cm

KETTLER GOLF P ECO UPRIGHT BIKE

Generator-driven magnetic brake

Resistance: 15 stages

Cockpit: adjustable incline

Programmes: 8 pre set programmes

Flywheel mass: 9kg

Handlebars: Adjustable handlebars with ergonomic 3D-flex shape

Transport: castors at front

Maximum User Weight: 150kg (23st 5lb)

Dimensions: L110 x W53 x H130 cm

KETTLER ERGOMETER E3 UPRIGHT EXERCISE BIKE

Induction-brake system: power range from 25-400W

Programmes: 10 users, 6 pre-set, 2 heart rate, and 2 manual time.

Tension control: 16 levels

Flywheel mass: 9kg

Maximum user weight: 150kg (23st 5lb)

Mains powered

Ordering Information

Kettler Run 7 Treadmill EXE009

Giro R Recumbent Bike EXE006

Golf P Eco Upright Bike EXE007

Ergometer E3 Upright Exercise Bike EXE008

Quadriform bench

A well-designed and highly versatile chair which can be used in the seated or ventral positions for a wide range of leg rehabilitation exercises.

Kettler Fitmaster Multigym

The great value Fitmaster power centre has a compact design and has everything you need for working all muscle groups.

Kettler Kinetic F3 Multigym

The Kinetic F3 power centre stands out from the crowd with its broad range of exercises and compact design.



QU001



RH239



RH240

Technical Specification

QUADRIFORM BENCH

Anatomical back with cervical and lumbar supports, Support handles - quadriceps and ischios with adjustable double leg straps, Fully adjustable - inclination, levelling pad, head rest, 18kg of disks supplied

FITMASTER

Height adjustable seat with 3 section back cushioning for optimum comfort while training via easy adjustment, The weight block is split into 16 x 5kg blocks, to a maximum 80kg, Dimensions when set up: 181 x 109 x 200cm, Maximum user weight: 150kg

KINETIC F3 MULTIGYM

Height adjustable seat with 3 sectioned back cushioning ensures optimum adjustment to the body workout. The 80kg weight block can be extended to 100kg (from 5-80kg). Dimensions - L180 x W106 x H215cm, Maximum user weight 150kg

Ordering Information

Quadriform bench	QU001
Kettler Fitmaster Multigym	RH239
Kettler Kinetic F3 Multigym	RH240

Arm Table and Wooden Stools

A well-constructed arm table with a laminated top and polished wooden frame. There are three sizes of strong polished wooden stools.



RH071, RH070, RH069, RH068

Wooden treatment couch

A heavy duty couch which is ideal for use with shortwave treatment.



RH064

Wobble Boards and Rocker Boards

High quality, very strong and durable boards, supplied highly polished with a non-slip cork surface for safety.



RH031

RH030

Balance Benches

Made from pine for durability, two lengths, each fitted with hooks at one end for connection to other units.



RH016

RH015

Shortwave Chair

A specially shaped all-wooden chair with no metal parts, suitable for patients on shortwave treatment.



RH097

Technical Specification

WOODEN TREATMENT COUCH

Length: 183cms, **Width:** 61cms,

Height: 76cms,

Adjustable head frame, Weight: 42kgs,

Maximum user weight: 90kgs

ARM TABLE

Dimensions 300 X 600 X 710 mm

Ordering Information

Arm table	RH071
Wooden stool - 350 x 350mm	RH068
Wooden stool - 400 x 400mm	RH069
Wooden stool - 460 x 460mm	RH070
Balance bench - 11ft (3.4m)	RH015
Balance bench - 9ft (2.7m)	RH016

Wobble board (500mm)	RH030
Rocker board (500mm)	RH031
Wooden shortwave chair	RH097
Wooden treatment couch	RH064

Wall Bars

These are made of high quality polished wood.



RH012

Steps and Staircase

Robust, made-to-order corner steps, built from wood with non-slip treads and adjustable handrails.



RH020

Parallel Bars and Posture Mirror

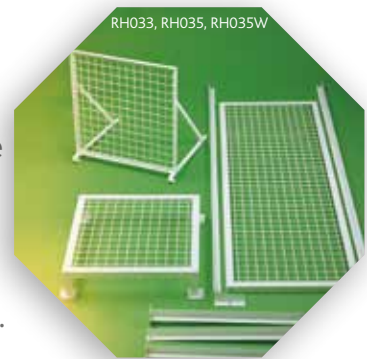
The parallel bars are easily and quickly assembled and dismantled and height adjustable. The posture mirror is fitted with safety glass and castors for mobility.



RH063, RH066

Suspension Frames

Three heavy duty suspension frames in standard white enamel finish. These are high quality and long-lasting. Other sizes can be made to order to fit particular requirements.



RH033, RH035, RH035W

Ordering Information

Wall bars - single section (2692 x 880mm)	RH012
Metal parallel bars - adjustable height, 2.3m long	RH063
Mobile posture mirror	RH066
Shoulder rotator (item not shown)	RH516

Conventional steps with adjustable handrails (not shown)	RH018
Corner steps with adjustable handrails	RH020

Suspension frames ceiling mounted (1980 x 690mm)	RH033
wall mounted (690 x 690mm)	RH035
wall bar mounted (690 x 690mm)	RH035W

TENS

EMS Physio offers a range of high quality dual-channel TENS units which are reliable, compact and lightweight. These are built to a high standard to provide long-term use.

- Dual-channel output with memory function
- LCD display that is easy to use
- Use for chronic, severe and acute pain
- Complete with accessories, belt hook and protective bag



NC322



TENS001



TENS002

Technical Specification

120Z DUAL CHANNEL TENS

Output Channels Dual Independent Outputs (Lockable)
Pulse Width Variable 50-200 μ s
Frequency Variation 1-200Hz, Continuous, Burst or Modulated Mode
Weight 120g

BIOSTIM PLUS TENS, BIOSTIM M7 TENS

Channels 2, **Waveform** Asymmetrical, biphasic modifies square-wave, **Output** Constant current
Intensity Continuously adjustable from 0-98 mA peak
Frequency 2-150 Hz (Hertz or pps)
Impulse Width 50-250 microseconds (μ s) adjustable
Continuous Continuous stimulation
Burst 1 0.5 sec on, 0.5 sec off, Adjustable pulsed rate from 1-150 Hz, **Burst** 2 8 pulses per burst/ 2 bursts per second, **Modulation** decrease/ increase of set width of 50% over a five- second period
Power supply 2 AA Batteries, E-block, type 6F22
Dimensions 82 x 70 x 25 mm, **Weight** 132 g

NEUROTRAC SIMPLEX

Single Channel Digital EMG Unit
Accurate Range 0.2 μ V to 2000 μ V
Sensitivity 0.1 μ V RMS, **LEDs display** EMG level clearly and easily, **Dimensions** 128.5 X 64 X 28.50 mm, **Weight** 150 g

NEUROTRAC MYOPLUS2

Dua Channel Digital EMG Unit
Accurate Range 0.2 μ V to 2000 μ V RMS (continuous), **Sensitivity** 0.1 μ V RMS
Accuracy 4% of μ V reading \pm 0.3 μ V at 200 Hz

STIM (NEUROMUSCULAR STIMULATION)

Amplitude 0 - 90 mA into 500 Ohm load
Type Constant current, maximum output voltage 70 Volts + 5/-10 Volts, **Waveform** Symmetrical, rectangular, bi-phasic with net zero DC current
Power Supply Batteries 4 x 1.5V (AA battery)
Dimensions 150 x 89 x 35 mm
Weight 0.16 Kg (without batteries)

NeuroTrac Simplex Single channel EMG biofeedback

The NeuroTrac Simplex is an advanced and simple to use single channel EMG biofeedback unit, featuring a clear display for the patient.



EMG545

NeuroTrac MyoPlus2 Dual channel EMG biofeedback

Combined with NMS-STIM (Neuromuscular Stimulation) and ETS (EMG Triggered Stimulation) - 3 devices in 1 compact unit.

Used as a learning tool for both patient and clinician with emphasis on improving treatment techniques in the use of EMG and Neuromuscular stimulation.



EMG550

- Lightweight and portable
- Automatic and manual threshold settings
- Optional software for detailed progress tracking
- Bluetooth compatible
- Software licence included

Ordering Information

120Z dual-channel TENS unit with accessories	NC322
BioStim Plus TENS dual-channel unit with accessories	TENS001
BioStim M7 TENS dual-channel unit with accessories	TENS002
NeuroTrac Simplex EMG biofeedback unit	EMG545
NeuroTrac software	EMG546
30mm diameter self-adhesive electrodes	EMG547
Neurotrac MyoPlus2 biofeedback unit	EMG550

Accessory Ordering Information

PALS platinum self adhesive electrodes (25 mm diameter, pack of 4)	RB450
PALS platinum self adhesive electrodes (33 x 54 mm, pack of 4)	RB410
PALS platinum self adhesive electrodes (50 x 50 mm, pack of 4)	RB430
PALS platinum self adhesive electrodes (80 x 100 mm, pack of 2)	RB440
Other sizes available, by special order	
Booklet - <i>EMG Biofeedback Guide</i> by Prof Tim Watson	EDC301

Medex 3D Vibrator

A large surface massager for intensive and effective massage. The unit is supplied with two clip-on applicator heads and a carrying case.



M9

Trampoline

An ideal aid for rehabilitation, this trampoline is 102cm wide and can take loads of up to 100kg. It is fitted with a protective pad for safety.



RH216

Airex Exercise Mats

A variety of coloured exercise mats in different widths.



Body Balls

A wide range of body balls that are soft and warm to the touch. Available in a large number of sizes, they support weights up to 150kg and are ideal for pilates and therapeutic activities.



Technical Specification

MEDEX 3D VIBRATOR
Speeds 2
Capacity 115 / 130 Watt (speed 1 / speed 2)
Input Mains Power 230 Volt / 50 Hz
Weight 1,6 kg

Ordering Information

Medex 3D vibrator and accessories	M9
Natural bristle brush	M9A
Burled sponge rubber	M9B
Sponge rubber applicator	M9C
Nylon hyperaemisation brush	M9D
Trampoline	RH216

Airex mat - 1850 x 1000 x 15mm (red)	RH302	Body ball - 650mm diameter (blue)	RH288
Airex mat - 1850 x 1000 x 15mm (blue)	RH303	Body ball - 750mm diameter (yellow)	RH289
Airex mat - 1850 x 600 x 15mm (red)	RH304	Body ball - 850mm diameter (red)	RH290
Airex mat - 1850 x 600 x 15mm (blue)	RH305	Body ball pump (for above)	RH291A

Exercise Bands

These resistance bands are made from non-slip elastomer which gives a comfortable sure grip. Available in five resistance levels.



Therapeutic Putty

An anti-microbial, non-toxic, non-oily exercise putty in four progressive resistance levels.



Anatomical Charts

Full colour, highly detailed and laminated paper charts covering most physiological requirements.

These are a useful reference tool and a source to increase therapy knowledge.



Percussors

Three top-quality percussors - Queens, Taylors and Bucks. EMS Physio can also provide goniometers.



Anatomical Models

A wide range of anatomical models - from skeletons to moving joints with ligaments. See below or contact EMS Physio for more details.



Dumbbells

A set of dumbbells with plastic surrounds. These are supplied with a rack for storage.



Ordering Information

Exercise band - light - 550cm	RH292
Exercise band - medium - 550cm	RH293
Exercise band - heavy - 550cm	RH294
Exercise band - extra heavy - 550cm	RH295
Exercise band - special heavy - 550cm	RH296
Therapeutic putty - soft - 450g	RH281
Therapeutic putty - medium soft - 450g	RH283
Therapeutic putty - medium - 450g	RH285
Therapeutic putty - firm - 450g	RH287

ANATOMICAL CHARTS

shoulder and elbow	EDC101
hand and wrist	EDC102
foot and ankle	EDC103
hip and knee	EDC104
the skeletal system	EDC105
head and neck	EDC106
the human spine	EDC107
the muscular system	EDC108
Queens percussor	RH310
Taylors percussor	RH311
Bucks percussor	RH312

ANATOMICAL MODELS

lumbar spine	EDC201
synovial joint	EDC202
dissectable lumbar	EDC203
simple spine with stand	EDC204
lifting mannequin	EDC205
flexible shoulder joint	EDC207
flexible hip joint	EDC208
flexible knee joint	EDC209
flexible elbow joint	EDC210

Dumbbell set of weights
(2 of each size) with rack

RH515

*On-line ordering

On-line ordering is restricted to UK based customers only due to automatic delivery charge calculations. If you are outside of the UK and wish to place an order online, please contact our sales team at sales@emsphysio.co.uk for further information. The company reserves the right to decline an on-line order request.

Prices

Prices are subject to alteration without notice and those charged will be prices ruling at the time of dispatch (unless by prior arrangement).

Value Added Tax

VAT will be levied on all items sold in The European Union at the Government set rate and will be shown separately when invoiced. When VAT Exemption is applicable, evidence or certificate should be supplied with each written order.

Minimum Order Value

Minimum order value is £25.00 excluding carriage or VAT.

Carriage, Packing and Handling Charge

A carriage and packing charge on all orders will be levied, unless subject to prior agreement. For return of goods, a handling charge of up to 15% of consignment value may be levied at the discretion of the Company.

Transfer of property

Title of the goods does not pass until full payment has been made.

Warranty

All new EMS Physio products are warranted against defects in materials and workmanship for a period of two years from the date of shipment. All ex-demo or second hand EMS Physio products sold are warranted against defects in materials and workmanship for a period of six months from the date of shipment. A copy of the full EMS warranty is available on request. The warranty on non-EMS Physio products is limited to one year.

Terms of Payment

Unless otherwise agreed by the Company in writing, the terms of payment for goods shall be 30 days from invoice date. All accounts are payable to the Company's registered office at Wantage, Oxfordshire. Commissioning Terms available upon application to our Service Department.

Claims of Missing or Damaged Goods

The customer shall have no right to claim for shortages or defects apparent on inspections, unless:

- The customer inspects the goods immediately on arrival at its premises.
- Written notification is made to the Company within five days of receipt of goods, specifying the shortage or defect.
- The Company is given an opportunity to inspect the goods and investigate the complaint before any use is made of the goods.
- Returns must only be made after prior agreement of the Company.

Product Specification

EMS policy is one of continuous product improvement. The Company therefore reserves the right to alter design and specifications at any time without prior notice. In some circumstances a change in product specification to that as listed in the current catalogue may be available at an extra charge. Further details are available on request.



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