



EMS Physio ... *making it better*



Welcome to the 2012 edition of our product catalogue and thank you for choosing EMS Physio as a valued supplier.

The range of equipment we offer continues to be focussed on providing for the therapeutic demands of your clinic. Our extended Primo range now includes ultrasound, electrical stimulation (including interferential) and combination therapy and has proved to be very popular, due to the simplicity of design and excellence of engineering. What's more, the Megapulse Senior sets the benchmark for the provision of reliable and effective shortwave diathermy therapy.

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.

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.

A handwritten signature in blue ink, appearing to read 'James Greenham'.

James Greenham  
*Managing Director*

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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, England 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 stylish Primo Therasonic offers you an impressive range of choices for your ultrasound treatment programme.

- Touch screen technology
- Dual frequency ultrasound (1MHz and/or 3MHz)
- Programmable memory
- Pulsed or continuous ultrasound output
- Ergonomic treatment head
- Integrated evidence based treatment protocols and dose algorithm
- Easy to clean - reducing potential cross infection
- Simple to set up
- Easy to use
- Lightweight and portable
- Mains powered as standard
- Optional rechargeable battery available



### Technical Specification

**Size (h/w/d)** 90 x 230 x 290mm  
**Weight** 1.3 kg  
**Treatment Time** 0-30 min  
**Treatment Programs** 10 user-defined set-ups  
**Ultrasound Frequency** 1MHz or 3MHz for 360, 1MHz and 3MHz for 460  
**Maximum Intensity** 1.5 W/cm<sup>2</sup> in CW, 3.0 W/cm<sup>2</sup>  
**Maximum Output Power** 7.5W 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 cm<sup>2</sup>, Small transducer 1MHz 0.6 cm<sup>2</sup> and 3MHz 0.4 cm<sup>2</sup>

### 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**

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Primo Therasonic 360 Single frequency ultrasound unit (3MHz) complete with large treatment head, one bottle of coupling gel (250ml) mains only  
**EMS3603**

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**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**

### Accessory Ordering Information

Large treatment head	PMA9120
Small treatment head	PMA9130
Angled treatment head	PMA9150
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

## Primo Combination 860

The Combination 860 offers dual frequency ultrasound and/or the complete range of stimulation outputs (including interferential) from one simple to use unit.

- 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
- Integrated evidence based treatment protocols and dose algorithm
- Easy to clean - reducing potential cross infection
- Simple to set up
- Easy to use
- Lightweight and portable
- Mains powered as standard
- Optional rechargeable battery available



### Technical Specification

**Size (h/w/d)** 90 x 290 x 230 mm

**Weight** 1.5 kg

**Treatment Programs:** 10 user-defined set-ups

**ULTRASOUND Frequency** 1.1 & 3MHz

**Maximum Intensity** 1.5 W/cm<sup>2</sup> in CW, 3.0 W/cm<sup>2</sup> 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 cm<sup>2</sup>, Small transducer 1MHz 0.6 cm<sup>2</sup> and 3MHz 0.4 cm<sup>2</sup>  
**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 EMS860B**

### Accessory Ordering Information

Large treatment head	PMA9120
Small Treatment Head	PMA9130
2/4 pole patient lead	PMA3055
Padded carrying case (see page 15)	EMS530
Treatment trolley (see page 15)	EMS158

1. Small sponge electrode covers (set of 4)	NC3052A	10. Femelex vaginal probe (single patient use - 26mm diameter)	RB495
2. Small conductive rubber electrodes (70 x 50 mm - set of 4)	NC3052B	11. Anuform anal probe (single patient use - 25mm diameter)	RB5164
3. Medium sponge electrode covers (set of 4)	NC3053A	12. Stretch bandage - 600 x 75mm	DU1
4. Medium conductive rubber electrodes (100 x 70mm - set of 4)	NC3053B	13. Stretch bandage - 1200 x 75mm	DU2
5. Large sponge electrode covers (set of 4)	NC3054A	Stretch bandage - 600 x 50mm	DU4
6. Large conductive rubber electrodes (130 x 100 mm - set of 4)	NC3054B	14. PALS platinum self adhesive electrodes (25 mm diameter, pack of 4)	RB450
8. Blue electrode connection cables (1 pair)	NC3057	15. PALS platinum self adhesive electrodes (33 x 54 mm, pack of 4)	RB410
8. Yellow electrode connection cables (1 pair)	NC3058	16. PALS platinum self adhesive electrodes (50 x 50 mm, pack of 4)	RB430
9. Perform vaginal probe (single patient use - 34mm diameter)	RB5160	17. PALS platinum self adhesive electrodes (80 x 100 mm, pack of 2)	RB440
		Other sizes available, by special order	
		Booklet - EMS Guide to Interferential & Combination Therapy	EDC303

## Osteotron IV

LIPUS (Low Intensity Pulsed Ultrasound) accelerates the formation and union of fractured bone and promotes rapid recovery. Featuring 2-channel output capability, the Osteotron IV is capable of generating two frequencies: 1.5 MHz or 0.75 MHz. The Osteotron IV enables treatment of multiple areas and provides effective therapy to fresh fractures, delayed unions and nonunions.

- Three-step output control and two frequencies 1.5 MHz or 0.75 MHz for shallow or deep fracture areas
- Simultaneous therapy of multiple areas with 2-channel output capability
- Easy probe attachment with dedicated probe retainer. AC or battery use
- Excellent BNR and ERA for safe, effective therapy.



**NEW**

OST02



### Technical Specification

**Power supply** DC 4.8V, 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/cm<sup>2</sup>, 45 mW/cm<sup>2</sup> or 60mW/cm<sup>2</sup> (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

## 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
- RS232 interface supplied as standard



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 @ 240V  
 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 your daily clinical needs, the RTB01. Simple and easy to use

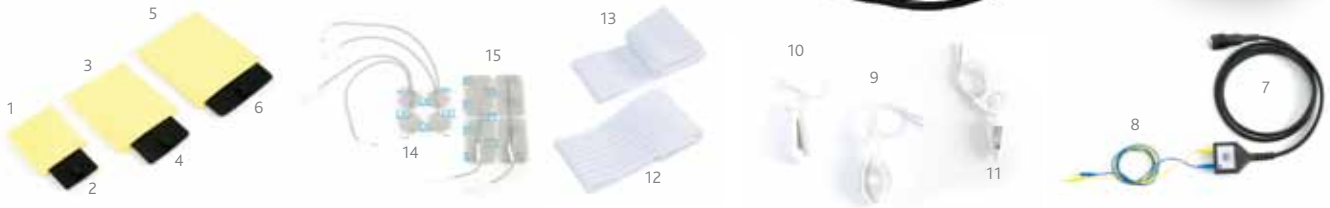


RTB01

# Primo Interferential 960

The Primo Interferential 960 provides 2 and 4-pole interferential plus Medi-Wave stimulation (particularly effective in treating acute injuries, especially in sport).

- Touch screen technology
- 2 independent output channels
- Integrated evidence based treatment protocols
- Lightweight and portable with optional mains/battery function
- Battery power indicator on screen
- Three carrier frequencies - 2kHz, 4kHz and 8kHz
- Vector facility
- 0-100mA peak constant current or 0-70/140V peak constant voltage, depending upon mode
- Provides combination therapy when linked to Primo ultrasound units
- Operates in conjunction with EMS vacuum unit, if required
- Easy to clean - reducing potential cross infection



## 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)** 90 x 290 x 230 mm  
**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*

1. Small sponge electrode covers (set of 4)	<b>NC3052A</b>
2. Small conductive rubber electrodes (70 x 50 mm - set of 4)	<b>NC3052B</b>
3. Medium sponge electrode covers (set of 4)	<b>NC3053A</b>
4. Medium conductive rubber electrodes (100 x 70mm - set of 4)	<b>NC3053B</b>
5. Large sponge electrode covers (set of 4)	<b>NC3054A</b>
6. Large conductive rubber electrodes (130 x 100 mm - set of 4)	<b>NC3054B</b>
7. 2/4-pole patient lead	<b>PMA3055</b>
8. Blue electrode connection cables (1 pair)	<b>NC3057</b>
8. Yellow electrode connection cables (1 pair)	<b>NC3058</b>
9. Perform vaginal probe (single patient use - 34mm diameter)	<b>RB5160</b>
10. Fernelex vaginal probe (single patient use - 26mm diameter)	<b>RB495</b>
11. Anuform anal probe (single patient use - 25mm diameter)	<b>RB5164</b>

# Primo Multidyne 970

The Primo Multidyne 970 provides all low and medium frequency outputs from one unit.

- 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
- Lightweight and portable with optional mains/ battery function
- Touch screen technology
- 2 independent output channels
- Battery power indicator on screen
- Three carrier frequencies - 2kHz, 4kHz and 8kHz
- Vector facility
- 0-100mA peak constant current or 0-70/140V peak constant voltage, depending upon mode
- Provides combination therapy when linked to Primo ultrasound units
- Operates in conjunction with EMS vacuum unit, if required
- Easy to clean - reducing potential cross infection



## Technical Specification

**Power Input** 100-240 Vac 50VA 50/60Hz  
**Output Voltage** 0-60V, 0-70v Peak or 0-140V  
 Peak Dependent on Mode  
**Display** LCD  
**Size** 240 x 210 x 100mm  
**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  
**Individual Waveforms** See Operating Manual For Full Details  
**Output Mode** 2 channel

## 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**

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

## Accessory Ordering Information

12. Stretch bandage - 600 x 75mm	DU1
13. Stretch bandage - 1200 x 75mm	DU2
Stretch bandage - 600 x 50mm	DU4
14. PALS platinum self adhesive electrodes (25 mm diameter, pack of 4)	RB450
15. 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 15 )	EMS530
Treatment trolley (see page 15)	EMS158



## 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 new super-quiet vacuum with virtually no vibration
- Channel selection option - Channels A+B or Channel A only
- Supplied with complete set of accessories



EMS655



NC3069

NC3068



NC3069A



NC3070

### 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 **PMA3066**  
 Link lead to SoLo Interferential 966 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 incorporates a PIN number security device, removing the need for a key. This unit has two sockets for single or cluster probes ensuring quick and easy treatments. It is supplied mains/battery as standard and has an on-screen battery power indicator.

- 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



EMS755

### Technical Specification

**Power Input** 100-240Vac 50VA Max 50/60Hz  
**Timer** 0-10 Minutes  
**Battery** Internal Rechargeable (Nimh)  
**Probes** Suitable For All Probes Shown On This Page  
**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 755**  
 Mains/battery unit EMS755

### 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 IIa

### *Pulsed only shortwave*

The Megapulse IIa provides a range of pulsed shortwave outputs through the EMS monopulse applicator. The unit does not need to contact the patient and has fixed tuning - making it easy to operate. Also included is a treatment chart with suggested settings based on clinical experience.

- Clear display and touch-sensitive controls within flush fitting panel
- Easy to view output indicator located on the monopulse applicator
- Different preset output modes for quick set-up
- A wide range of pulse widths - 20-400 microseconds
- Pulse repetition rates - 50-800 pulses per second

### Technical Specification

**Mains Supply** 220-240Vac 200VA 50/60Hz  
**Output Frequency** 27.12MHz (+/- 20kHz)  
**Output Power** 150W Peak Power into 50 Ohms  
**Modes** 1At 20 Mins, 100microsecs, 800Hz Fixed  
 2At 20 Mins, 200 Microsecs, 800Hz Fixed, 4At 20 Mins, 400  $\mu$ s, 800Hz Fixed, Var 0-30 Mins, 20-400  $\mu$ s, 50-800Hz  
**Pulse Widths** 400/200/100/65/40/20  $\mu$ s  
**Pulse Repetition Rates** 50/100/200/400/600/800  
**Timer** 0-29 Minutes  
**Timer Accuracy** +/- 1 Sec, **Size** 410 x 410 x 870mm  
**Weight** 53kg  
**Classification** Class1, Type BF (EN 60601-1)  
**Fuses (Mains)** 2xT1A (5x20mm) For 220-240V

### Ordering Information

**Megapulse IIa**  
 Megapulse IIa pulsed shortwave therapy unit with electrode arm and EMS monopulse applicator  
**EMS702EC**



# 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.

- 1,000W pulsed and 400W continuous maximum power output
- Optional treatment protocols, based on clinically proven results
- Continuous and pulsed shortwave from one unit
- Back-lit display with clear operational information
- 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
- Output tester also supplied



EMS265



SLA996

SLA991

SLA990

SLA992

### 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 µs

**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 inductive applicator **SLA991**

100mm capacitive electrodes and cable (one pair) **SLA992**

50mm capacitive electrodes and cable (one pair) **SLA993**

One pair rubber electrodes, 180 x 210mm, 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**

## 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  $\mu$ 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 ( $\mu$ 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 $\mu$ V to 2000 $\mu$ V  
**Sensitivity** 0.1 $\mu$ 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 $\mu$ V to 2000 $\mu$ V RMS (continuous), **Sensitivity** 0.1 $\mu$ V RMS  
**Accuracy** 4% of  $\mu$ V reading +/-0.3  $\mu$ 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 x35 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.



EMG550

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

- Lightweight and portable
- Automatic and manual threshold settings
- Optional software for detailed progress tracking



### Ordering Information

120Z dual-channel TENS unit with accessories	<b>NC322</b>
BioStim Plus TENS dual-channel unit with accessories	<b>TENS001</b>
BioStim M7 TENS dual-channel unit with accessories	<b>TENS002</b>
NeuroTrac Simplex EMG biofeedback unit	<b>EMG545</b>
NeuroTrac software	<b>EMG546</b>
30mm diameter self-adhesive electrodes	<b>EMG547</b>
Neurotrac MyoPlus2 biofeedback unit	<b>EMG550</b>
Neurotrac MyoPlus2 software	<b>EMG551</b>

### Accessory Ordering Information

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

## Trolley & Carrying Cases

A treatment trolley is available for use with any portable EMS 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	<b>EMS158</b>
Padded bag	<b>EMS530</b>

### Accessory Ordering Information

Paper holder	<b>ML9910</b>
Gel dispenser holder	<b>ML9920</b>
Large wire basket (recommended)	<b>ML9930</b>
Small wire basket	<b>ML9940</b>
Water tray (for use with ML9940)	<b>ML9950</b>
Roll of paper (for ML9910)	<b>ML9960</b>

## Power shockwave unit

Our most powerful shockwave unit available.

- Highly-effective, non-invasive treatment for musculoskeletal pain
- Fast relief of pain & mobility restoration
- Main fields of application: orthopaedics, rehabilitation, and sport medicine
- High pressure up to 5 bars
- High frequency up to 22Hz
- Intuitive operation with colour touch-screen (8.4")
- Therapeutic protocols with colour anatomical images
- User-defined therapies available
- Burst mode for extra-sensitive patients



SHO003

UK  
ONLY

NEW

### Technical Specification

**User-interface** 8.4" colour touch screen  
**Pressure** 1-5 bars  
**Frequency** 1-22Hz  
**Single & continual mode** yes  
**Burst mode** yes  
**Preset programs** 13  
**Protocols** yes  
**Protocols with anatomical images** yes  
**User-defined therapies** 100

**Dimensions** 230mm x 390mm x 260mm (main unit)  
 330mm x 220mm x 300mm (air compressor)  
**Weight** 5.3 kg (main unit without accessories)  
 20 KG (air compressor)  
**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

Power Shockwave unit- SWT applicator,  
 Transmitters: 9, 15mm multi-focused and 15mm  
 focused, Exchangeable kit, Trolley, Gel 1000ml and  
 Touch screen pen pointer **SHO003**

# Topline Shockwave unit

Powerful & compact shockwave device.

- High pressure up to 4 bars
- High frequency up to 15Hz
- Intuitive operation with colour touch-screen (5.7")
- Only 7 kg weight including the built-in compressor
- Therapeutic protocols with colour anatomical images



SHO001 & SHO002

Supplied with the most comfortable applicator on the market – special ergonomic grip and elimination of backward shock

## Technical Specification

**User-interface** 5.7" 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**



## DP-30 Portable Imaging System

A simple and affordable ultrasound scanner, the DP30 is ideal for clinics expanding into diagnostic imaging. Lightweight and portable, the DP30 includes one linear transducer as standard and offers a choice of three further options.

### Transducers

- **SCA013** 5.0-10.0MHz L24mm broadband T shape Linear array, depths 11.9cm, applications: paediatric, intraoperative, abdominal, small parts, cephalic, vascular, MSK, orthopaedics
- **SCA014** 8-12MHz L24mm broadband Linear array, depths 11.9cm, applications: small parts, vascular, MSK
- **SCA015** 5-10MHz L53mm broadband Linear array, depths 11.9cm, applications: paediatric, abdominal, small parts, cephalic, vascular, MSK, orthopaedics
- **SCA016** 5-10MHz L38mm broadband Linear array, depths 11.9cm, applications: paediatric, abdominal, small parts, cephalic, vascular, MSK, orthopaedics



### Technical Specification

#### DP-30 SCANNER

#### System Specifications

**Net Weight** 5.5 kg (without battery)

**Dimensions** H 16.1x L 29 x 35.40 cm

**Display** 12.1-inch LED, High-Resolution 1024 x 768

**Display Language** Chinese/English/German/Spanish/French/Italian/Portuguese/Russian

**Power** System operates via rechargeable lithium-ion

**Application** Abdominal, Obstetrical, Gynecological, Cardiac, Small parts, Urological, Vascular, Orthopedics, MSK

### Ordering Information

DP-30 Scanner 12.1-inch LED monitor, one transducer linear connector 5-10 MHz L38mm, control panel, handle, indicators: Power/Battery/Standby/LDD status, iStation™, two USB ports, measurement & calculation software packages

**SCA030**

### Accessory Ordering information

5.0-10.0MHz L24mm broadband T-shape Linear array

**SCA013**

8-12MHz L24mm broadband Linear array

**SCA014**

5-10MHz L53mm broadband Linear array

**SCA015**

5-10MHz L38mm broadband Linear array

**SCA016**

# 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.



SCA013

SCA014

SCA015

SCA016



## 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

5.0-10.0MHz L24mm broadband T-shape

Linear array **SCA013**

8-12MHz L24mm 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.

### Centura Shoulder CPM



#### Technical Specification

##### 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 and Wrist CPM



##### 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)

##### 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

### Performa Knee CPM



##### 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

### Elbow CPM



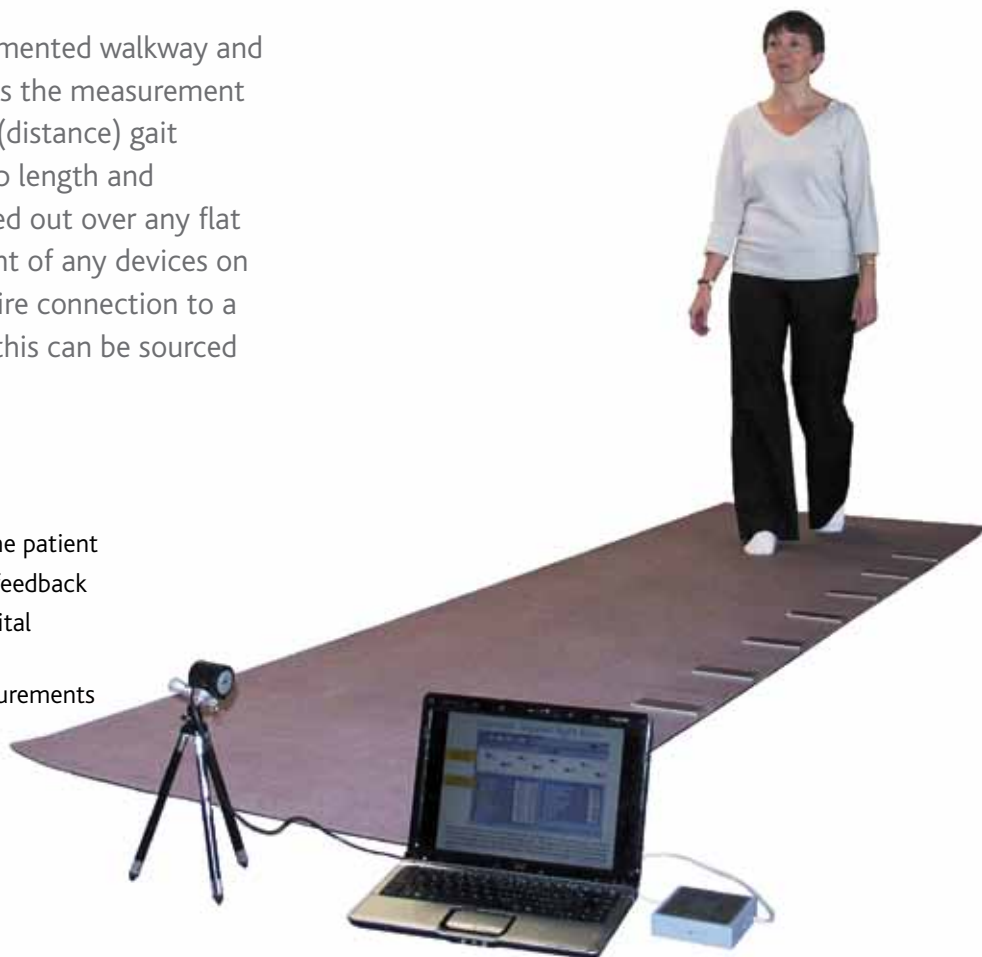
#### Ordering Information

Centura shoulder CPM including accessories	CPM06
Maestra hand and wrist CPM including accessories	CPM08
Performa Knee CPM including accessories	CPM03
Elbow CPM with base including accessories	CPM05

# 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; this can be sourced by EMS Physio if necessary.

- 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



## 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

BNC	<b>CIR001</b>
BNC/ Analogue	<b>CIR003</b>
Metronome	<b>CIR007</b>
GAITRaw Software	<b>CIR005</b>
Extended warranty available - recommended	<b>CIR008</b>

## 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.



## Para-Care

A small wax bath ideal for hand therapy. The temperature on this unit can be adjusted to suit the needs of the patient and is thermostatically controlled.



**NON EU  
COUNTRIES  
ONLY**

## EMS wax purification unit

Allows up to 10kg of wax to be purified at any one time. The tapered shape of the wax container ensures easy wax removal after cooling.



### 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  
**Classification** Class 1, Type B (EN 60601-1)

#### PARA-CARE:

**Power Requirement** 200/240V 50/60Hz, (120V 60Hz) 40/90W  
**Wax Capacity** 2.7kg  
**Dimensions** 457 x 311 x 216mm  
**Weight** 6.8kg With Wax  
**Classification** Class-1, Type B (EN 60101-1)

#### WAX PURIFICATION UNIT:

**Power Requirement** 200/240 Vac. 2.3kW  
**Water Capacity** 10.5 litres  
**Wax Capacity** 10kg  
**Dimensions** Outer Unit - 306mm Diameter x 525mm  
 Inner Unit - 300-225mm Tapering x 275mm Deep  
**Temperature Range** 0-100 °C  
**Certification** EMC Directive and LVD

### Ordering Information

Varitherm wax bath with aluminium dust cover (200-250V)	<b>LNC884</b>
Varitherm wax bath with aluminium dust cover (100-120V)	<b>LNC882</b>
Para-Care wax bath (220-240V) 120V also available on request	<b>PAR001</b>
Wax purification unit (220-240V) - includes tapered wax container (LNC887)	<b>LNC886</b>

### Accessory Ordering Information

Tubular steel stand for wax bath (supplied flat-packed)	<b>LNC885</b>
Stainless steel tapered wax container	<b>LNC887</b>
Wax bath thermometer (supplied as standard with LNC884 & LNC882)	<b>T1A</b>
Paraffin wax - per 25kg	<b>P11</b>

## 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.



**NON EU  
COUNTRIES  
ONLY**

OPTIONAL FLOOR STAND MUST  
BE ORDERED SEPARATELY

## Hydropak heater

Made of stainless steel and supplied with a basket and support hooks for standard Hydropak bags, it is fitted with a safety thermostat.



## Hydropaks

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



### Technical Specification

**EMS Hydropak Heater:**  
**Power Requirement** 200/240 Vac. 2.3kW  
**Water Capacity** 26 litres  
**Dimensions** 306mm Diameter x 525mm  
**Temperature Range** 0 - 100°C

### Ordering Information

Infrared lamp	<b>NC618</b>
Floor stand for NC618	<b>NC618A</b>
Hydropak Heater - packs ordered separately	<b>LNC400</b>

### Accessory Ordering Information

Hydropak Size 1 (300 x 250mm)	<b>LNC401</b>
Hydropak Size 2 (300 x 125mm)	<b>LNC402</b>
Hydropak Size 3 (610 x 115mm)	<b>LNC403</b>

Hydropak Size 4 (neck contour 600mm long)	<b>LNC404</b>
Hydropak Size 5 (370 x 600mm)	<b>LNC405</b>
Heating unit only	<b>LNC888</b>
Hydropak basket	<b>LNC407</b>

## Scotsman ACM25 Easy Ice Cuber

No plumbing  
required –  
built-in waste  
water pump



## Scotsman EC46 Ice Cuber



## Scotsman AF100-AS 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 EC46 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-AS FLAKE ICE MACHINE

Dimensions 813(h) (+120 with legs) x 535(w) x 626(d) mm

Max. Production/24hrs 70 kg

Bin Capacity 25 kg

Weight 51 kg

Water Consumption/24h (A) 64 L

Water Consumption/24h (W) 384 L

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

Electricity Consumption 7.5 kwh

#### 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
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Scotsman EC46 ice cuber	EC46
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Scotsman AF100 flake ice machine	AF100
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Scotsman AF80 flake ice machine	AF80
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# Pulse Press

Pulse Press products are manufactured in the UK, to the highest standard. The variety of pulse presses are powerful, hi-tech and have failsafe automatic deflation.

## Pulse Press Multi 3 Pro



## Pulse Press Multi 6



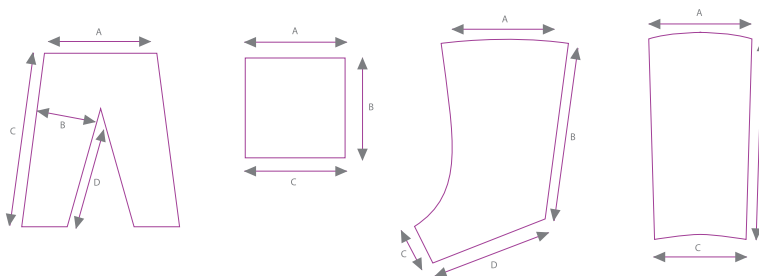
## Pulse Press Multi 12



## Garment Size Guide (cm)

Ref	Description	A	B	C	D	E
PCT018	Half arm sleeve	50	43	42		
PCT019	Wide long arm sleeve	60	76	47		
PCT020	Half legging	60	50	30	31	50
PCT021	Long legging	70	74	30	31	50
PCT025	Wide long legging	80	84	30	31	53
PCT060	Wide trouser garment	130	76	137	94	
PCT062	Long arm& shoulder	60	76	47		
PCT063	Ex. Wide long legging	96	75	30	31	66

## Garment Sizes Key



## Technical Specification

**PULSE PRESS MULTI 3 PRO**  
**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

**PULSE PRESS MULTI 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

**PULSE PRESS MULTI 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

## Ordering Information

Pulse Press Multi 3 Pro	<b>PCT030</b>
Pulse Press Multi 6	<b>PCT031</b>
Pulse Press Multi 12	<b>PCT033</b>

## Accessory Ordering Information

Garments for use with Multi 3 Pro	
Half arm sleeve	<b>PCT018</b>
Long arm sleeve	<b>PCT019</b>
Half legging	<b>PCT020</b>
Long legging	<b>PCT021</b>
Wide long legging	<b>PCT025</b>
Long arm and shoulder	<b>PCT062</b>
Ex. Wide long arm legging	<b>PCT063</b>
Garments for use with Multi 6	
Half arm sleeve	<b>PCT018</b>
Long arm sleeve	<b>PCT019</b>
Half legging	<b>PCT020</b>
Long legging	<b>PCT021</b>
Wide long legging	<b>PCT025</b>
Wide trouser garment	<b>PCT060</b>

Long arm and shoulder	<b>PCT062</b>
Ex. Wide long arm legging	<b>PCT063</b>
Garments for use with Multi 12	
Long arm sleeve	<b>PCT019</b>
Wide long legging	<b>PCT025</b>
Wide trouser garment	<b>PCT060</b>
Long arm and shoulder	<b>PCT062</b>
Ex. Wide long arm legging	<b>PCT063</b>



## Bremshey Equipment Foldable Treadmill RN3



## Foldable Treadmill RN7



## Upright Cycle BE5



## Front Drive Crosstrainer CF7



## Retractable Rower RW3



## Recumbent Bike BR5



### Technical Specification

#### FOLDABLE TREADMILL RN3

**Display** 3 LED + LCD matrix with back light  
**Total programmes** 1 Manual + 12 Programmes  
**Motor** 2.5 HP DC motor  
**Speed** 0.8 - 18 km/u / 0.5 - 11 mph  
**Elevation** 0-12%  
**Length/folded** 1785 mm / 950 mm **Width** 775 mm  
**Foldable** Yes **Maximum user weight** 120 kg  
**Shock absorbing system** Yes

#### FOLDABLE TREADMILL RN7

**Display** 4 LED + LCD matrix with back light + track  
**Total programmes** 1 Manual + 22 Programmes  
**Fitness test** 1 Body Mass, **Motor** 3.0 HP DC motor  
**Speed** 0.8 - 20 km/u / 0.5 - 12 mph  
**Elevation** 0-12%, **Length/folded** 1980 mm / 1050 mm  
**Width** 845 mm **Foldable** Yes **Maximum user weight** 135 kg **Shock absorbing system** Yes

#### UPRIGHT CYCLE BE5

**Display** Colour LCD backlit  
**Heart rate programmes** 55%, 75%, 90%, TAG  
**Total programmes** 16 **Fitness test** Body Mass  
**Brake** PMS Servo adjustment **Flywheel mass** 9 kg  
**Power output** 250 W / 60 rpm  
**Power supply** Mains current  
**Maximum user weight** 135 kg

#### FRONT DRIVE CROSSTRAINER CF7

**Display** Colour LCD backlit,  
**Heart rate programmes** 55%, 75%, 90%, TAG  
**Total programmes** 22 **Fitness test** Body Mass  
**Stride length** 48.26 cm **Brake generator** Servo adjustment, **Flywheel mass** 9 kg **Rotating mass** 20.5 kg  
**Power output** 250 W / 60 rpm **Power supply** Self generating, **Maximum user weight** 135 kg

#### RETRACTABLE ROWER RW3

**Display** LCD monochrome **Total programmes** 3  
**Training modes** Quick start, Manual, HR min / max limits **Brake** PMS Manual adjustment **Footrests** Flexible **Flywheel mass** 8 kg **Power supply** Console batteries **Length** 209cm / 155cm **Foldable** Retractable **Maximum user weight** 135 kg

#### RECUMBENT BIKE BR5

**Display** Colour LCD backlit **Heart rate programmes** 55%, 75%, 90%, TAG **Total programmes** 16

**Fitness test** Body Mass **Brake** PMS **Servo adjustment** **Flywheel mass** 9 kg  
**Power output** 250 W / 60 rpm **Power supply** Mains current **Maximum user weight** 135 kg

### Ordering Information

Bremshey Treadmill RN3	BRE010
Bremshey Treadmill RN7	BRE011
Bremshey Upright Cycle BE5	BRE012
Bremshey Crosstrainer CF7	BRE013
Bremshey Rower RW3	BRE014
Bremshey Recumbent Cycle BR5	BRE015

## Quadriforme

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. Built with many special features, this unit comes with a three-year warranty.

## 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.



### Technical Specification

#### QUADRIFORME

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

Quadriforme quad bench	QU001
Kettler Fitmaster Multigym	RH239
Kettler Kinetic F3 Multigym	RH240

## Two-section plinth

Electric or hydraulic options.



## Three-section plinth

Electric or hydraulic options.



## Neurology plinth



## 50 stone plinth



### Technical Specification

#### TWO SECTION PLINTH

Width 65cm

length 189cm

Height range from 46cm to 95 cm,

Maximum lifting weight 160kg (25 stone)

Breathing hole option,

Packed weight 82kgs

Shipping dimensions 190x66x64cm

#### THREE SECTION PLINTH

Width 65cm

length 189cm

Height range from 46cm to 95 cm

Maximum lifting weight 160kg (25 stone)

BREATHING HOLE OPTION

Packed weight 82kgs

Shipping dimensions 190x66x64cm

#### NEUROLOGY PLINTH

Electric height adjustment

Width 102cm

Length 190cm

Height range from 41cm to 94cm

Maximum lifting weight 160kg (25 stone)

Breathing hole and plug fitted as standard,

Packed weight 130kg

Shipping dimensions 190x102x57cm

### Ordering Information

2-section plinth - hydraulic model **RH075A**

2-section plinth - hydraulic model with breathing slot **RH075B**

2-section plinth - electric model **RH076A**

2-section plinth - electric model with breathing slot **RH076B**

3-section plinth - hydraulic model **RH078A**

3-section plinth - hydraulic model with breathing slot **RH078B**

3-section plinth - electric model **RH079A**

3-section plinth - electric model with breathing slot **RH079B**

Neurology plinth **RH081**

50 stone plinth **RH050S**

## Traction unit

This variable speed traction unit has a large LCD display with eight pre-set traction modes. It has automatic tension adjustment and can be tailored to individual needs with memory to store 20 favourite treatments. It will pull up to 90kg (200lbs) in intermittent, static, stepless progressive or its own harmonic mode. Traction can be adjusted during treatment. Accidental alteration is prevented by a built-in safety device.

## Traction table

Electric or hydraulic options



## Portable plinth

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



## Variable height tilt table

Electric height & tilt adjustment



### 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

#### PORTABLE PLINTH

Width 61cm

Length 183cm

Height 76cm

Max User Weight 25 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 plinth	2702

## Treatment Couch Accessories

The addition of accessories from our comprehensive range can expand the usefulness of a product or customise it for a specific treatment. Our most popular options being the 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
Protective towelling cover	RH096
Foot switch	RH093
Paper Towel Holder	RH088

## Uphosltery

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 WADI will be supplied.



## Wall Bars

These are made of high quality polished wood and are supplied as single or multiple units.



## Steps and Staircase

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



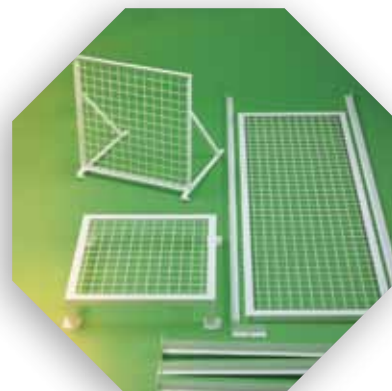
## Parallel Bars and Posture Mirror

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.



## 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.



### Ordering Information

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

Conventional steps with adjustable handrails	<b>RH018</b>
Corner steps with fixed height handrails	<b>RH019</b>
Corner steps with adjustable handrails	<b>RH020</b>

Suspension frames ceiling mounted (1980 x 690mm)	<b>RH033</b>
wall mounted (690 x 690mm)	<b>RH035</b>
wall bar mounted	<b>RH035W</b>

## 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.



## Wooden treatment couch

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



## Wobble Boards and Rocker Boards

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



## Balance Benches

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



## Shortwave Chair

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



### Technical Specification

#### WOODEN TREATMENT COUCH

**Width** 61cm, **length** 183cm,  
**height** 76cm, **weight** 42kg

#### ARM TABLE

**Dimensions** 300 X 600 X 710 mm

### Ordering Information

Arm table	<b>RH071</b>	Wobble board (500mm)	<b>RH030</b>
Wooden stool - 350 x 350mm	<b>RH068</b>	Rocker board (500mm)	<b>RH031</b>
Wooden stool - 400 x 400mm	<b>RH069</b>	Wooden shortwave chair	<b>RH097</b>
Wooden stool - 460 x 460mm	<b>RH070</b>	Wooden treatment couch	<b>RH064</b>
Balance bench - 11ft (3.4m)	<b>RH015</b>		
Balance bench - 9ft (2.7m)	<b>RH016</b>		

## 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.



## 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 and can be supplied with a fitted handle to aid patient balance.



## 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	<b>M9</b>
Natural bristle brush	<b>M9A</b>
Burlped sponge rubber	<b>M9B</b>
Sponge rubber applicator	<b>M9C</b>
Nylon hyperaemisation brush	<b>M9D</b>
Trampoline	<b>RH216</b>

Airex mat - 1850 x 1000 x 15mm (red) **RH302**

Airex mat - 1850 x 1000 x 15mm (blue) **RH303**

Airex mat - 1850 x 600 x 15mm (red) **RH304**

Airex mat - 1850 x 600 x 15mm (blue) **RH305**

Body ball - 650mm diameter (blue) **RH288**

Body ball - 750mm diameter (yellow) **RH289**

Body ball - 850mm diameter (red) **RH290**

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

### ANATOMICAL CHARTS

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

### ANATOMICAL MODELS

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

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

**RH515**

## Terms of business

### 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.



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