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*Together in Motion™*



Physical Medicine Modalities | 2013



## INTRODUCTION



Chattanooga is the world's largest manufacturer of rehabilitation equipment for treating musculoskeletal, neurological and soft tissue disorders. For over six decades, Chattanooga has set a benchmark for leadership, reliability and excellence. Our products contribute to better treatment outcomes in hospitals, clinics and home settings worldwide. We lead the physiotherapy industry by example and, through continuous innovation, provide real world solutions for clinicians and their patients.

As the world's leading brand in rehabilitation, Chattanooga is sold in over 80 countries worldwide. Chattanooga is directly represented in our key markets but also has long lasting relationships with dedicated distributors in the USA, Canada, Latin America, EMEA and Asia Pacific. Our Chattanooga distributors and customers are supported for order placement, training, product delivery and after sales service by a dedicated team of highly skilled DJO employees based all over the world.

Chattanooga is a brand of DJO Global Inc. DJO Global provides solutions for musculoskeletal health, vascular health and pain management. Our products help prevent injuries or rehabilitate after surgery, injury or from degenerative disease, enabling patients to regain or maintain their natural motion.

Visit [www.DJOGlobal.eu](http://www.DJOGlobal.eu)



AIRCAST

chattanooga

CMFV

Compex

djosurgical

DONJOY

Dr. Comfort

Empi

PROCARE

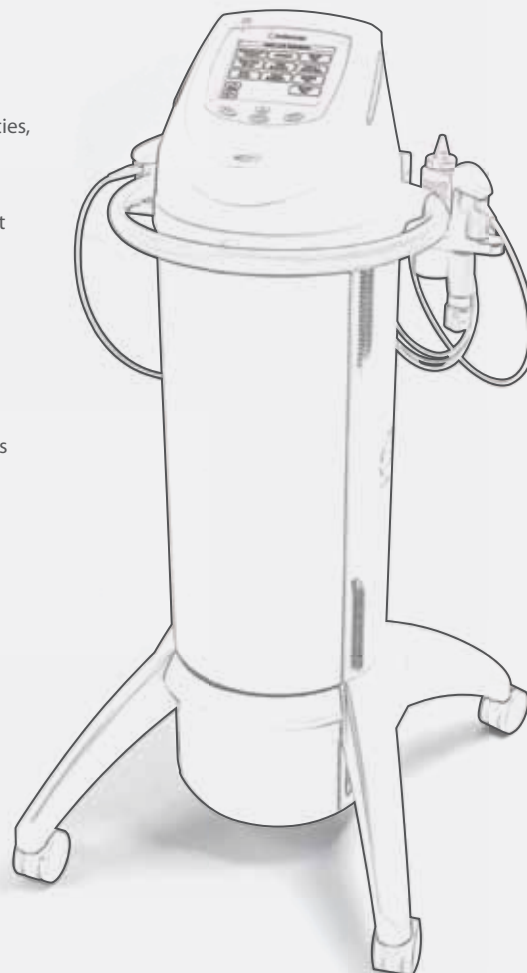
## PHYSICAL MEDICINE MODALITIES

For over 25 years, Chattanooga has been the world leader in electrotherapy devices and has gradually expanded its product offering to include other essential physical medicine modalities, such as ultrasound, shortwave and laser therapy.

Chattanooga developed these treatment options under the well established Intellect product range, appreciated by therapists for its ease of use and functional design.

In 2010 Chattanooga entered the shockwave market via the launch of the Intellect RPW – a shockwave device developed using state-of-the-art technology and in collaboration with leading shockwave component suppliers.

Chattanooga is committed to continually working with customers to develop smart solutions that empower therapists to provide the best treatment to their patients.





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## ORDERING INFORMATION

## Part Number Description

## Intellect RPW Shockwave

|      |                            |
|------|----------------------------|
| 2082 | Intellect RPW unit - 100 V |
| 2073 | Intellect RPW unit - 120 V |
| 2074 | Intellect RPW unit - 230 V |

## Standard Accessories

|         |   |
|---------|---|
| 28700   | Standard accessory kit that includes the following:     |
| - 28699 | D-ACTOR® hand piece applicator                          |
| - 28736 | Projectile (2x)   |
| - 17638 | R15 15 mm ESWT transmitter                              |
| - 28724 | D20-S D-ACTOR® 20 mm transmitter                        |
| - 28737 | Sealing set   |
| - 28738 | Guide tube (2x)   |
| - 28739 | Cleaning brush  |
| 4248    | Conductor™ transmission gel 250 ml (8.5 oz) bottle (1x) |
| 27465   | Patient data card (1x)                                  |
| 28668   | User manual on CD                                       |

## Optional Accessories

|         |   |
|---------|---|
| 28725   | D35 D-ACTOR® 35 mm transmitter                                  |
| 28726   | F15 Focus-Lens 15 mm transmitter                                |
| 28728   | DI15 Deep Impact® 15 mm transmitter                             |
| 28729   | C15 CERAmA-x® ESWT 15 mm transmitter                            |
| 28730   | V-ACTOR® hand piece applicator kit that includes the following: |
| - 28740 | V25 V-ACTOR® 25 mm vibration transmitter                        |
| - 28741 | V40 V-ACTOR® 40 mm vibration transmitter                        |

## INTELECT® RPW SHOCKWAVE



## FEATURES

Radial pressure waves offer a non invasive treatment solution for long term insertion and soft tissue pathologies. Local treatment of the affected area will enhance and reset the healing pattern, while reducing pain and improving function.

With very few negative side effects, Radial Pressure Wave therapy is indicated for conditions that are normally very difficult to treat, and is now widely used for many therapeutic and wellness applications.

Physical effects of radial pressure waves include: pain reduction (Gate Control theory), increased metabolism, as shockwaves influence the tissues on a cellular level, revascularization effect, where the renewed blood flow promotes tissue healing and regeneration, and muscle tone recovery.

## 2 Channel Output Connection

Intellect® RPW allows the connection of 2 hand pieces for quick and efficient use of complementary applicator transmitters during patient treatment.

## D-ACTOR® Applicator

The D-ACTOR® applicator can be used with a variety of transmitters for the generation of shockwaves, or a combination of shockwaves and vibrations.

## Applications:

- Myofascial trigger points
- Disorders of tendon insertions
- Activation and tightening of muscle and connective tissue
- Acupuncture shock wave therapy
- Cellulite treatment (stages I – III)
- Elimination of lymphatic congestion
- Regulation of muscle tone
- Medical massage

## V-ACTOR® Applicator

The V-ACTOR® applicator, used for vibration treatment, is an ideal complement to Radial Wave Therapy and contributes to long-lasting results.

## Applications:

- Body shaping
- Lymphatic drainage
- Wellness massage
- Muscle and connective tissue activation





#### State-of-the-Art Navigation

- Easy-to-use menu-driven touch screen technology allowing quick and easy access to Quick-link Indications, Clinical Protocols™ and User Protocols

#### Unique Optimal Energy Level Adjustment

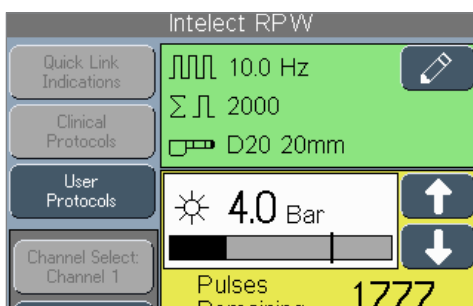
- Unique ramp feature providing a gradual, automatic and smooth intensity increase during treatment

#### Clinical Resources

- Intelect® RPW includes a full suite of easily accessible references: graphics library of anatomical images and pathologies, hand-piece placement image bank, contraindications...

#### Additional Features and Benefits

- Full colour LCD touch-screen interface
- Convenient storage platform for secure and easy access of hand pieces, transmitters and gel
- 360° swivel rotation of interface
- Large storage drawer for keeping clinical supplies
- Multilingual software
- Patient Data Cards record treatment sessions, patient pain scales, pain type and mapping
- 3 year warranty (accessories 1 year)



#### TECHNICAL SPECIFICATIONS

|   |   |
|---|---|
| Mains Power:  | 100 V ~, 50/60 Hz (Model 2082)                      |
|   | 120 V ~, 60 Hz (Model 2073)                         |
|   | 230 V ~, 50 Hz (Model 2074)                         |
| Power Consumption:  | 840 VA (Model 2082)                                 |
|   | 780 VA (Model 2073)                                 |
|   | 610 VA (Model 2074)                                 |
| Compressed Air Output:  | 1.4 - 5 bar   |
| Power Increment Settings:   | 2 bar   |
| Power Indication:   | Maximum and average power                           |
| Pulse Amplitude:  | Approx. 2 mm at 3 bar, idling (without coupling)    |
| Pulse Width:  | Approx. 6 - 12 ms                                   |
| Pulse Frequency:  | 0.5 - 21 Hz   |
| Pressure Vessel Volume:   | 31 l  |
| Mode:   | Single or continuous                                |
| Fuses:  | Two 6.3 A time lag 5 x 20 mm (not user serviceable) |
| Electrical Class:   | Class I   |
| Electrical Type:  | Type B  |
| Regulatory Risk Class:  | Ila according to MDD 93/42/EEC                      |
| The Intelect® RPW has been designed to meet the requirements of IEC/EN 60601-1, 60601-2-3, 60601-1-2, and 60601-1-4 |   |
| Weight:   | 33 kg   |
| Dimensions*:  | 41 x 42 x 114 cm                                    |

\* Dimensions are listed as L x W x H



## ORDERING INFORMATION

## Part Number Description

## Mobile RPW Shockwave

2805 Mobile RPW unit

## Standard Accessories

28699 D-ACTOR Hand piece Applicator

17638 R15 15mm ESWT Transmitter

28724 D20-S D-ACTOR 20mm Transmitter

28701 Accessory kit including the following:

- 28737 Sealing set

- 28738 Guide tube (2x)

- 28736 Projectile (2x)

13-5182 Conductor Transmission Gel

0938 Clinical guide

13-5184 Paper User Manual

13-5183 CD User Manual

## Optional Accessories

28745 Carrying Bag

28725 D35 D-Actor 35 mm transmitter

28726 F15 Focus lens 15 mm transmitter

28728 D115 Deep Impact 15mm transmitter

28729 C15 Ceramax ESWT 15 mm transmitter

## MOBILE RPW SHOCKWAVE



## FEATURES

Like our bigger Intellect unit, the Mobile RPW offers radial pressure wave treatment as a non-invasive treatment solution for chronic tendonopathies and other soft tissue disorders. Treatments administered to the affected areas stimulate the regeneration process of injured tissues which have sustained histological changes.

Radial pressure wave therapy is best indicated for resilient conditions that have not responded to traditional therapy.

Physiological effects of the shockwave include: increased cell permeability, neovascularization, pain control and reduction of adhesions and fibrotic tissue prohibitive of healing.

## Additional Features and Benefits

- Simple, user-friendly navigation
- Transmission gel bottle holder
- Transport handle
- Frequency 1-15Hz
- 1-4 Bars of pressure
- DC quiet compressor
- Universal power supply 110 V-240 V
- 3 year warranty (accessories 1 year)





#### Indications

- Myofascial pain
- Muscle tendon tissue activation
- Tendon attachment & site illness
- Acupuncture Shockwave Therapy

#### TECHNICAL SPECIFICATIONS

|  |   |
|--|---|
| R-SW Operating Mode:                     | R-SW: single shock, continuous shock 1-15 Hz              |
| R-SW Energy Selection:                   | Infinitely variable from 1-4 bar                          |
| Mains Power:                             | 100 - 240V  |
| Mains Frequency:                         | 50/60 Hz  |
| Mains Fuse:                              | T2AL/250 VAC  |
| Power Consumption:                       | Max, 150 VA   |
| Compressed Air Output:                   | 1-4 bar   |
| Ambient Temperature During Operation:    | 10-40 °C  |
| Ambient Temperature Storage & Transport: | 5-40 °C   |
| Ambient Air Pressure:                    | 800-1,060 h Pa  |
| Classification According to MDD:         | Class 2A Device   |
| Ingress Protection Rating                | IPX1  |
| Weight:                                  | Base unit: 9 kg<br>Shipping: 13 kg                        |
| Dimensions*:                             | Base unit: 32 x 32 x 21 cm<br>Shipping: 39 x 56.5 x 44 cm |

\* Dimensions are listed as L x W x H





## ORDERING INFORMATION

## Part Number Description

## Intellect Shortwave 100

1602 Intellect Shortwave 100

## Standard Accessories

020453217 120 mm capacitive electrodes (2x)

14712 Connection cable (2x)

14762 Indicator discharge tube

14668 User Manual on CD

14790 Electrode arm left (1x)

14791 Electrode arm right (1x)

## Optional Accessories

020453218 165 mm capacitive electrodes

020969553 Dipode

02200002 Monode

020453266 180 x 120 mm soft rubber electrode  
(includes one pocket and one intermediate felt layer)020453267 250 x 145 mm soft rubber electrode  
(includes one pocket and one intermediate felt layer)

## TECHNICAL SPECIFICATIONS

Mains Power: 100-240 VAC, 50-60 Hz

Output Frequency: 27.12 MHz

Output Power: 100 W Continuous Mode / 200 W  
Peak in Pulsed Mode

Weight: 27 kg

Dimensions\*: 42 x 41 x 97 cm

Pulsed Width: 20-400 µseconds

Pulsed Rate: 10-800 Hz

Treatment Time: 1-60 minutes

Electrical Safety Class: Class BF

Safety Tests: IEC/EN 60601-1, IEC/EN 60601-  
2-3, IEC/EN 60601-1-4

\* Dimensions are listed as L x W x H

## INTELECT® SHORTWAVE 100



## FEATURES

Intellect Shortwave 100 provides both thermal and athermal effects through qualitative dosimetry selection (I-IV). The output power will meet the requirements for the vast majority of diathermy clinical applications.

- Treatment setup via Thermal Dosimetry, Quick-link Indications or Clinical Protocols™
- 200 User-defined protocol storage slots
- Over 90 Clinical Protocols™ on board
- Clinical Resources include:
  - Full color graphics library of anatomical images and pathologies
  - Over 140 applicator placement images
  - Diathermy rationale
  - Diathermy contraindications
- Power generation via a high efficiency, microprocessor controlled, solid state amplifier
- Fully adjustable pulse rate and pulse width
- Selectable continuous and pulsed power modes
- 100 W in continuous mode
- 200 W in pulsed mode
- Average power of 64 Watt in pulsed mode (max)
- Patient Documentation of treatment sessions, pre and post treatment patient pain scales, pain mapping and pain types all captured on Patient Data Cards
- Full color LCD touch-screen interface
- Multilingual software
- Adjustable treatment timer
- Automatic resonance tuning
- 360° Swivel rotation of interface
- Robust, multi-jointed, pivoting electrode arms
- Patient safety switch
- 3 year warranty (accessories 1 year)



## INTELECT® SHORTWAVE 400



### FEATURES

- Utilizing the auto-tuning feature, precise output power up to 400 watts continuous mode is achieved
- Uniform output power is constantly displayed on the screen, giving the treating therapist full visual awareness
- Continuous and pulsed modes selectable
- 400 W maximum output in continuous mode
- 1000 W maximum output in pulsed mode
- Multilingual software
- Variety of capacitive and inductive electrodes available
- Electrode Placement Images: 24 Clinical Protocols and 20 User Protocols
- Adjustable electrode arms
- 2 year warranty (accessories 1 year)



### ORDERING INFORMATION

| Part Number                    | Description  |
|--------------------------------|--|
| <b>Intellect Shortwave 400</b> |  |
| 3814                           | Intellect Shortwave 400  |
| <b>Standard Accessories</b>    |  |
| 020453217                      | 120 mm capacitive electrodes (2x)  |
| 14712                          | Connection cable (2x)  |
| 14762                          | Indicator discharge tube   |
| 28256                          | User Manual on CD  |
| 02200001                       | Electrode arms (2x)  |
| <b>Optional Accessories</b>    |  |
| 020453218                      | 165 mm capacitive electrodes   |
| 020453216                      | 80 mm capacitive electrodes  |
| 020969553                      | Diplode  |
| 02200002                       | Monode   |
| 020453266                      | 180 x 120 mm soft rubber electrode (includes one pocket and one intermediate felt layer) |
| 020453267                      | 250 x 145 mm soft rubber electrode (includes one pocket and one intermediate felt layer) |

### TECHNICAL SPECIFICATIONS

|                          |  |
|--------------------------|--|
| Mains Power:             | 115-230 VAC, 50-60 Hz  |
| Weight:                  | 60 kg (without electrodes)                                   |
| Dimensions*:             | 41 x 42 x 97 cm  |
| Output Power:            | 400 W Continuous Mode / C224:C260 1000 W Peak in Pulsed Mode |
| Pulsed Duration:         | 200-600 µseconds   |
| Pulsed Frequency:        | 10-300 Hz  |
| Electrical Safety Class: | Class1, Type BF  |
| Safety Tests:            | BS EN 60601-1, 60601-2-3, 60601-1-2                          |

\* Dimensions are listed as L x W x H

## ORDERING INFORMATION

## Part Number Description

## Intellect Advanced Combo

2762CC Intellect Advanced Color Combo + EMG

2752CC Intellect Advanced Color Combo

2772MC Intellect Advanced Monochromatic Combo

## Standard Accessories

2771 sEMG and sEMG + Electrical Stimulation Module (REF 2762CC only)

27465 Patient Data Card (1x)

27335 5 cm<sup>2</sup> Applicator

10648 Nylatex Wrap

79967 6 x 8 cm carbon electrodes (4x)

79970 6 x 8 cm sponges (4x)

42192 Dura-Stick® Plus 5 cm round electrodes (4x)

4248 Ultrasound gel (Combo only)

27455 User Manual on CD

## Optional Accessories

27469 Patient Interrupt Switch

2771 sEMG and sEMG + Electrical Stimulation Module [incl. intravaginal probe (1x) &amp; Durastick 3 cm round electrodes (4x)]

2767 Battery Module

2766 Laser Therapy Module

2770 Channel 3/4 Stimulation Module

2785 Vacuum Electrode Module

2774 Vacuum Module w/Therapy System cart

27333 1 cm<sup>2</sup> Applicator27334 2 cm<sup>2</sup> Applicator27336 10 cm<sup>2</sup> Applicator

27133 Intellect Advanced Carrying Bag

27508 Operator Remote (Ch 1/2)

27079 Operator Remote (Ch 3/4)

2775 Therapy System Cart

79977 HiVolt Probe

57007 Microcurrent Probe

For Electrodes, please see pages 23-26

## INTELECT® ADVANCED COMBO



## FEATURES

## Combination electrotherapy and ultrasound

The unique modularity found in the Intellect Advanced Therapy System allows for easy customization. Additional components that can be added to the Combo base now or later with a simple upgrade include: EMG, 2 additional channels of stimulation, laser therapy, vacuum, battery.

- More than 25 clinical waveforms
- 2 independent electrotherapy channels
- High resolution color display of all screens
- Over 200 Clinical Protocols
- Over 100 User-defined protocol slots
- Over 10 Quick-link Indications for quick parameter retrieval
- Impressive clinical library which includes full color graphic anatomical and pathological libraries on vibrant LCD screen
- Constant current/constant voltage modes
- Surface EMG and EMG plus stim (optional)
- Documentation of treatment outcomes with Patient Data Cards
- Sequencing to direct a designated therapeutic course without having to modify the unit
- 1 & 3 Mhz ultrasound frequencies
- Pulsed & Continuous Modes (10%, 20%, 50% & 100%)
- Variable duty cycles (16 Hz, 48 Hz & 100 Hz)
- BNR <6:1
- Ergonomically designed sound heads in 1 cm<sup>2</sup>, 2 cm<sup>2</sup>, 5 cm<sup>2</sup> & 10 cm<sup>2</sup> sizes
- Sound head coupling features with both visual & audio feedback
- Head warming option on sound heads for patient comfort
- 3 year warranty (probes and accessories 1 year)




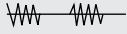

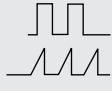





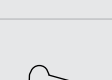





## TECHNICAL SPECIFICATIONS

|                          |   |
|--------------------------|---|
| Mains Power:             | 100-240 VAC, 50-60 Hz   |
| Weight:                  | 3.2 kg  |
| Dimensions*:             | 33 x 24 x 29 cm   |
| Electrical Safety Class: | Class I, Electrotherapy Type BF,<br>Ultrasound Type B           |
| Safety Tests:            | IEC 60601-1<br>IEC 60601-1-2<br>IEC 60601-2-5<br>IEC 60601-2-10 |

\* Dimensions are listed as L x W x H

## WAVEFORMS

|   |  |
|---|--|
|    | <b>INTERFERENTIAL</b> <ul style="list-style-type: none"> <li>• Four Pole</li> <li>• Manual Vector Scan</li> <li>• Two Pole (Premodulated)</li> </ul>                                       |
|    | <b>RUSSIAN</b> <ul style="list-style-type: none"> <li>• Continuous</li> <li>• Cycle Timed</li> </ul>   |
|    | <b>GALVANIC</b> <ul style="list-style-type: none"> <li>• Continuous</li> <li>• Medium Freq. Interrupted</li> </ul>   |
|   | <b>MONOPHASIC</b> <ul style="list-style-type: none"> <li>• Continuous</li> <li>• Cycle Timed</li> <li>• Rectangular Pulsed</li> <li>• Triangular Pulsed</li> <li>• Surged</li> </ul>       |
|  | <b>TENS</b> <ul style="list-style-type: none"> <li>• Asymmetrical Biphasic</li> <li>• Symmetrical Biphasic</li> <li>• Alternating Rectangular</li> <li>• Monophasic Rectangular</li> </ul> |
|  | <b>IONTOPHORESIS</b>   |
|  | <b>VMS</b> <ul style="list-style-type: none"> <li>• Continuous</li> <li>• Cycle timed</li> <li>• Burst</li> </ul>  |
|  | <b>DIADYNAMIC</b> <ul style="list-style-type: none"> <li>• MF • DF • CP • LP</li> <li>• CP-ISO • CP-ID</li> <li>• MF+CP • MF+CP-ID • DF+LP</li> <li>• DF+CP</li> </ul>                     |
|  | <b>HIGH VOLTAGE PULSED CURRENT</b>   |
|  | <b>MICROCURRENT</b>  |
|  | <b>TRÄBERT/ULTRA REIZ</b>  |
|  | <b>SURGED/FARADIC</b> <ul style="list-style-type: none"> <li>• Rectangular</li> <li>• Triangular</li> </ul>  |
|  | <b>ULTRASOUND</b> <ul style="list-style-type: none"> <li>• 1 and 3 MHz</li> <li>• Head Contact Control</li> <li>• Pulsed Repetition Freq.</li> <li>• Electronic Signature</li> </ul>       |
|   | <b>S/D CURVE</b>   |



## ORDERING INFORMATION

## Part Number Description

## Intellect Advanced Stimulation

|        |                                       |
|--------|---------------------------------------|
| 2765CS | Intellect Advanced Color Stim + EMG   |
| 2755CS | Intellect Color Stim                  |
| 2773MS | Intellect Advanced Monochromatic Stim |

## Standard Accessories

|             |   |
|-------------|---|
| 2771        | sEMG and sEMG + Electrical Stimulation Module (REF 2765CS only) |
| 27465       | Patient Data Card (1x)  |
| 10648       | Nylatex Wrap  |
| 79967       | 6 x 8 cm carbon electrodes (4x)                                 |
| 79970       | 6 x 8 cm sponges (4x)   |
| 42192       | Dura-Stick® Plus 5 cm round electrodes (4x)                     |
| 4248        | Ultrasound gel (Combo only)                                     |
| 27455       | User Manual on CD   |
| 114.610 EXP | Intravaginal Probe (REF 2765CS only)                            |

## Optional Accessories

|       |  |
|-------|--|
| 27469 | Patient Interrupt Switch   |
| 2771  | sEMG and sEMG + Electrical Stimulation Module [incl. intravaginal probe (1x) & Durastick 3 cm round electrodes (4x)] |
| 2767  | Battery Module   |
| 2766  | Laser Therapy Module   |
| 2770  | Channel 3/4 Stimulation Module   |
| 2785  | Vacuum Electrode Module  |
| 2774  | Vacuum Module w/Therapy System cart  |
| 27133 | Intellect Advanced Carrying Bag  |
| 27508 | Operator Remote (Ch 1/2)   |
| 27079 | Operator Remote (Ch 3/4)   |
| 2775  | Therapy System Cart  |
| 79977 | HiVolt Probe   |
| 57007 | Microcurrent Probe   |

For Electrodes, please see pages 23-26

## INTELECT® ADVANCED STIM



## FEATURES

**Two channel electrotherapy**

The unique modularity found in the Intellect Advanced Therapy System allows for easy customization. Additional components that can be added to the Stim base now or later with a simple upgrade include: EMG, 2 additional channels of stimulation, laser therapy, vacuum, battery.

- A complete range of clinical waveforms
- 2 independent electrotherapy channels
- Over 200 Clinical Protocols
- Over 100 User-defined protocol slots
- Over 10 Quick-link Indications
- Clinical library includes anatomical and pathological libraries on vibrant LCD screen
- Store treatment sessions easily on Patient Data Cards equipped with the system
- Sequencing to direct a designated therapeutic course without having to modify unit parameters
- Constant current/constant voltage modes
- On screen pad contact quality indicator
- 3 year warranty (probes and accessories 1 year)




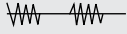

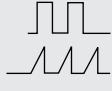










## TECHNICAL SPECIFICATIONS

|                          |                            |
|--------------------------|----------------------------|
| Mains Power:             | 100-240 VAC, 50-60 Hz      |
| Weight:                  | 3.2 kg                     |
| Dimensions*:             | 33 x 24 x 29 cm            |
| Electrical Safety Class: | Class I, Type BF           |
| Safety Tests:            | IEC 60601-1, IEC 60601-1-2 |

\* Dimensions are listed as L x W x H

## WAVEFORMS

|   |  |
|---|--|
|    | <b>INTERFERENTIAL</b> <ul style="list-style-type: none"> <li>• Four Pole</li> <li>• Manual Vector Scan</li> <li>• Two Pole (Premodulated)</li> </ul>                                       |
|    | <b>RUSSIAN</b> <ul style="list-style-type: none"> <li>• Continuous</li> <li>• Cycle Timed</li> </ul>   |
|    | <b>GALVANIC</b> <ul style="list-style-type: none"> <li>• Continuous</li> <li>• Medium Freq. Interrupted</li> </ul>   |
|    | <b>MONOPHASIC</b> <ul style="list-style-type: none"> <li>• Continuous</li> <li>• Cycle Timed</li> <li>• Rectangular Pulsed</li> <li>• Triangular Pulsed</li> <li>• Surged</li> </ul>       |
|  | <b>TENS</b> <ul style="list-style-type: none"> <li>• Asymmetrical Biphasic</li> <li>• Symmetrical Biphasic</li> <li>• Alternating Rectangular</li> <li>• Monophasic Rectangular</li> </ul> |
| <b>IONTOPHORESIS</b>  |  |
|  | <b>VMS</b> <ul style="list-style-type: none"> <li>• Continuous</li> <li>• Cycle timed</li> <li>• Burst</li> </ul>  |
|  | <b>DIADYNAMIC</b> <ul style="list-style-type: none"> <li>• MF • DF • CP • LP</li> <li>• CP-ISO • CP-ID</li> <li>• MF+CP • MF+CP-ID • DF+LP</li> <li>• DF+CP</li> </ul>                     |
|  | <b>HIGH VOLTAGE PULSED CURRENT</b>   |
|  | <b>MICROCURRENT</b>  |
|  | <b>TRÄBERT/ULTRA REIZ</b>  |
|  | <b>SURGED/FARADIC</b> <ul style="list-style-type: none"> <li>• Rectangular</li> <li>• Triangular</li> </ul>  |
|  | <b>ULTRASOUND</b> <ul style="list-style-type: none"> <li>• 1 and 3 MHz</li> <li>• Head Contact Control</li> <li>• Pulsed Repetition Freq.</li> <li>• Electronic Signature</li> </ul>       |
| <b>S/D CURVE</b>  |  |





## ORDERING INFORMATION

## Part Number Description

## Vacuum Electrode Modules

|      |  |
|------|--|
| 2774 | Vacuum Electrode Module w/ Therapy System Cart |
| 2785 | Vacuum Electrode Module (not shown)            |

## Standard Accessories

|       |  |
|-------|--|
| 56852 | 60 mm Vacuum Electrodes Stainless Steel (4x) |
| 56806 | 60 mm Vacuum Sponges (4x)                    |
| 56902 | Ch 1/3 Vacuum Lead Hose (Black)              |
| 56901 | Ch 2/4 Vacuum Lead Hose (Gray)               |
| 27455 | User Manual on CD                            |

## Optional Accessories

|       |  |
|-------|--|
| 27657 | 30 mm Vacuum Electrodes Stainless Steel (4x) |
| 56898 | 30 mm Vacuum Electrodes Aluminum (4x)        |
| 27658 | 30 mm Vacuum Sponges (4x)                    |
| 56899 | 60 mm Vacuum Electrodes Aluminum (4x)        |
| 56851 | 90 mm Vacuum Electrodes Stainless Steel (4x) |
| 56900 | 90 mm Vacuum Electrodes Aluminum (4x)        |
| 56807 | 90 mm Vacuum Sponges (4x)                    |
| 56902 | Channel 1/3 Vacuum Lead Hose (2x) (Black)    |
| 56901 | Channel 2/4 Vacuum Lead Hose (2x) (Gray)     |

## TECHNICAL SPECIFICATIONS

|                          |                            |
|--------------------------|----------------------------|
| Weight:                  | 2 kg                       |
| Dimensions*:             | 23 x 13.7 x 24 cm          |
| Electrical Safety Class: | Class I, Type BF           |
| Safety Tests:            | IEC 60601-1, IEC 60601-1-2 |

\* Dimensions are listed as L x W x H

## VACUUM



## FEATURES

## Vacuum Electrode Module

- 2 channel module (4 electrode connections) that can support 4 channels with the addition of a second module in the Therapy System Cart
- Quick control knobs make adjustment of cup strength simple
- Unique positioning of vacuum in Therapy Cart allows for efficient draining into reservoir below and makes reservoir bin cleaning easily accessible
- Easy connection to any Intellect Advanced Therapy System or Intellect Mobile Device
- Various sizes of Vacuum Electrode Cups available
- 3 year warranty (accessories 1 year)



## EMG, BATTERY AND CHANNEL 3/4 STIM



### sEMG and sEMG Triggered Stimulation



### Battery Module



### Channel 3/4 Stimulation Module



## FEATURES

### sEMG and sEMG Triggered Stimulation

- Provides precise biofeedback of muscle activity with a sensitivity of less than 3 micro volts
- Specific muscle isolation for re-education, strengthening or rehabilitation; especially useful in pelvic floor rehabilitation and CANS prevention
- Two channel device which can be operated together or independently
- Three different stimulation channels available Russian, VMS and Symmetrical Biphasic
- 3 year warranty (probes and accessories 1 year)

### Battery Module

- Nickel Metal Hydride battery self contained in packs of 10 cells
- Battery automatically and continually charges when Intellect Advanced unit is plugged into mains supply
- Lightweight at only 1.3 kg
- 1 year warranty

### Channel 3/4 Stimulation Module

- 4 independent channels available on both Intellect Advanced Electrotherapy and Combination devices to upgrade unit from 2 channels
- Includes color-coded front access panel to hide excessive connections and lead wires
- 3 year warranty (probes and accessories 1 year)



## ORDERING INFORMATION

| Part Number  | Description                                   |
|--|---|
| <b>sEMG, Battery &amp; Electrical Stimulation Module</b> |   |
| 2771   | sEMG and sEMG + Electrical Stimulation Module |
| <b>Standard Accessories</b>                              |   |
| 114.610EXP   | Intravaginal Probe                            |
| 27321  | Channel 1 EMG Leadwire                        |
| 27322  | Channel 2 EMG Leadwire                        |
| 42192  | DuraStick® Plus 5 cm (2") Round Electrodes    |
| 27455  | User Manual on CD                             |
| <b>Battery Module</b>                                    |   |
| 2767   | Battery Module                                |
| <b>Standard Accessories</b>                              |   |
| 27455  | User Manual on CD                             |
| <b>4 Channel Stim Module</b>                             |   |
| 2770   | Channel 3/4 Stimulation                       |
| <b>Standard Accessories</b>                              |   |
| 79967  | 6 x 8 cm Carbon Electrodes (4x)               |
| 79970  | 6 x 8 cm Sponges (4x)                         |
| 10648  | Nylatex Wrap                                  |
| 27019  | Dual Connector Cover                          |
| 27455  | User Manual on CD                             |
| <b>Optional Accessories</b>                              |   |
| 27079  | Operator Remote (Ch 3/4)                      |
| 27470  | Patient Interrupt Switch (Ch 3/4)             |

## TECHNICAL SPECIFICATIONS

### Channel 3/4 Stimulation

|                          |  |
|--------------------------|--|
| Weight:                  | 0.5 kg                                     |
| Dimensions*:             | 30 x 21 x 4 cm                             |
| Electrical Safety Class: | Class I, Type BF                           |
| Safety Tests:            | IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10 |

### Battery Module

|                          |                            |
|--------------------------|----------------------------|
| Weight:                  | 1.3 kg                     |
| Dimensions*:             | 30 x 21 x 4 cm             |
| Electrical Safety Class: | Class I, Type BF           |
| Safety Tests:            | IEC 60601-1, IEC 60601-1-2 |

\* Dimensions are listed as L x W x H

## LASER MODULE



### ORDERING INFORMATION

**Part Number Description**

**Laser Module**

2766 Laser Therapy Module

**Standard Accessories**

27525 Laser Protection Glasses (2x)

27455 User Manual on CD

**Optional Accessories**

27900K Remote Interlock Kit

**Laser Applicators**

**Singles**

27799 670nm LED Diode 10mW

27803 850nm Laser Diode 40mW

27840 850nm Laser Diode 100mW

27804 850nm Laser Diode 150mW

27841 850nm Laser Diode 200mW

27805 820nm Laser Diode 300mW

**9 Diode Cluster**

27810 9 Diode Cluster Applicator, 290mW Total: 5 x 850nm 50mW Lasers, 4 x 670nm 10mW LED

27811 9 Diode Cluster Applicator, 540mW Total: 5 x 850nm 100mW Lasers, 4 x 670nm 10mW LED

27812 9 Diode Cluster Applicator, 1040mW Total: 5 x 850nm 200mW Lasers, 4 x 670nm 10mW LED

**13 Diode Cluster**

27813 13 Diode Cluster Applicator, 265mW Total: 3 x 850nm 50mW Lasers, 7 x 670nm 10mW LED, 3 x 950nm 15mW LED

27814 13 Diode Cluster Applicator, 415mW Total: 3 x 850nm 100mW Lasers, 7 x 670nm 10mW LED, 3 x 950nm 15mW LED

27816 13 Diode Cluster Applicator, 715mW Total: 3 x 850nm 200mW Lasers, 7 x 670nm 10mW LED, 3 x 950nm 15mW LED

**19 Diode Cluster**

27815 19 Diode Cluster Applicator, 325mW Total: LED only, 6 x 670nm 10mW LED, 7 x 880nm 25mW LED, 6 x 950nm 15mW LED

**33 Diode Cluster**

27809 33 Diode Cluster Applicator, 565mW Total: LED only, 12 x 670nm 10mW LED, 13 x 880nm 25mW LED, 8 x 950nm 15mW LED

27802 33 Diode Cluster Applicator, 690mW Total: 5 x 850nm 50mW Lasers, 12 x 670nm 10mW LED, 8 x 880nm 25mW LED, 8 x 950nm 15mW LED

27807 33 Diode Cluster Applicator, 940mW Total: 5 x 850nm 100mW Lasers, 12 x 670nm 10mW LED, 8 x 880nm 25mW LED, 8 x 950nm 15mW LED

27808 33 Diode Cluster Applicator, 1440mW Total: 5 x 850nm 200mW Lasers, 12 x 670nm 10mW LED, 8 x 880nm 25mW LED, 8 x 950nm 15mW LED



### FEATURES

**Low Level Laser Therapy**

- Fully functional device with independent control over all parameters
- Display of energy in choice of joules or joules/cm<sup>2</sup>
- Continuous and pulsed treatment modes with fully variable pulsed frequencies
- Real time feedback of energy delivered
- Full selection of clinical indications specific to laser applicator selected
- Wide variety of LED, Laser Diodes, & Cluster Probes available
- User-defined protocol slots on board
- Easy connection to existing Intelect Advanced Electrotherapy or Combination device
- Built in acupuncture point finder
- 3 year warranty (probes and accessories 1 year)

Visible and invisible laser radiation. Avoid direct exposure to beam. Class 3B Laser Product.

### TECHNICAL SPECIFICATIONS

|                          |   |
|--------------------------|---|
| Weight:                  | 1 kg                                    |
| Dimensions*:             | 26 x 21 x 4 cm                          |
| Electrical Safety Class: | Class 1, Type B                         |
| Safety Tests:            | IEC 60601-1, IEC 60825-1, EN 60601-2-22 |

\* Dimensions are listed as L x W x H




## INTELECT® MOBILE LASER



### FEATURES

- Class 3B Low Level Laser Therapy
- Independent control over all parameters
- Continuous and pulsed operation available
- Fully variable pulsed frequencies
- Real time feedback of energy delivered
- Display of energy in choice of joules or joules/cm<sup>2</sup>
- Helpful menu of Clinical Indications specific to the laser applicator
- 15 user-defined memory slots on board
- Built in acupuncture point finder
- 17 different applicators available, including LED, laser diodes, and clusters
- Innovative design allows for cart, table top, wall or mobile use
- Backlit LCD display for better visibility in low light settings
- Improved ▲▼ button for easier navigation
- 3 year warranty (probes and accessories 1 year)

 Visible and invisible laser radiation. Avoid direct exposure to beam. Class 3B Laser Product.



### ORDERING INFORMATION

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

#### Intelect Mobile Laser

|      |                       |
|------|-----------------------|
| 2779 | Intelect Mobile Laser |
|------|-----------------------|

#### Standard Accessories

|       |                               |
|-------|-------------------------------|
| 27525 | Laser Protection Glasses (2x) |
|-------|-------------------------------|

|       |                   |
|-------|-------------------|
| 28063 | User Manual on CD |
|-------|-------------------|

For Laser Applicators, please see page 15

#### Optional Accessories

|        |                      |
|--------|----------------------|
| 27904K | Remote Interlock Kit |
|--------|----------------------|

|       |                              |
|-------|------------------------------|
| 27467 | Intelect Mobile Carrying Bag |
|-------|------------------------------|

|       |              |
|-------|--------------|
| 27478 | Battery Pack |
|-------|--------------|

|      |                     |
|------|---------------------|
| 2775 | Therapy System Cart |
|------|---------------------|

|      |              |
|------|--------------|
| 2883 | Cart Adapter |
|------|--------------|

### TECHNICAL SPECIFICATIONS

|              |                       |
|--------------|-----------------------|
| Mains Power: | 120-240 VAC, 50 60 Hz |
|--------------|-----------------------|

|         |        |
|---------|--------|
| Weight: | 2.3 kg |
|---------|--------|

|              |                   |
|--------------|-------------------|
| Dimensions*: | 33 x 29 x 16.3 cm |
|--------------|-------------------|

|                          |                  |
|--------------------------|------------------|
| Electrical Safety Class: | Class 1, Type BF |
|--------------------------|------------------|

|               |   |
|---------------|---|
| Safety Tests: | IEC 60601-1, IEC 60825-1, EN 60601-2-22 |
|---------------|---|

\* Dimensions are listed as L x W x H



## ORDERING INFORMATION

## Part Number Description

## Intelect Mobile Combination

2778 Intelect Mobile Combo

## Standard Accessories

27335 5 cm<sup>2</sup> Applicator

4248 Ultrasound Gel

10648 Nylatex® Wrap

79967 6 x 8 cm carbon electrodes (4x)

79970 6 x 8 cm sponges (4x)

27979 User Manual on CD

## Optional Accessories

27333 1 cm<sup>2</sup> Applicator27334 2 cm<sup>2</sup> Applicator27336 10 cm<sup>2</sup> Applicator

27478 Battery Pack

27467 Intelect Mobile Carrying Bag

2775 Therapy System Cart

2774 Vacuum Module w/Therapy System cart

2883 Cart Adapter

For Electrodes, please see pages 23-26

## TECHNICAL SPECIFICATIONS

Mains Power: 120-240 VAC, 50-60 Hz

Weight: 2.5 kg

Dimensions\*: 33 x 29 x 25.7 cm

Electrical Safety Class: Class 1, Electrotherapy Type BF, Ultrasound Type B

Safety Tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-5, IEC 60601-2-10

\* Dimensions are listed as L x W x H

## INTELECT® MOBILE COMBO



## FEATURES

- 1 and 3 MHz ultrasound frequencies
- Pulsed and continuous ultrasound therapy operation (10%, 20%, 50% & 100%)
- Variable duty cycle outputs of 16 Hz, 48 Hz, or 100 Hz for ultrasound
- Multiple waveforms on board: (2 Pole IFC, 4 Pole IFC, Galvanic, High Voltage Pulsed Current (HVPC), Microcurrent, Russian, Träbert, Monophasic Triangular, Monophasic Rectangular, Diadynamic, VMS and TENS)
- Clinical Indications on board, providing the most appropriate parameter set for a variety of conditions
- 15 user-defined memory positions
- Lightweight design, along with battery- powered option and custom designed mobile carrying bag, make transport easy
- Innovative design allows for cart, table top, wall or mobile use
- Backlit LCD display for better visibility in low light settings
- BNR <6:1
- Improved ▲▼ button for easier navigation
- Ergonomically designed sound heads available in a variety of sizes (1 cm<sup>2</sup>, 2 cm<sup>2</sup>, 5 cm<sup>2</sup>, and 10 cm<sup>2</sup>)
- All sound heads are interchangeable due to Electronic Signature™ residing on all applicators
- Head warming feature and head contact control with visual and auditory feedback on all sound heads
- 3 year warranty (probes and accessories 1 year)



## INTELECT® MOBILE ULTRASOUND



### FEATURES

- 1 and 3 MHz frequencies
- Pulsed and continuous therapy operation (10%, 20%, 50% and 100%)
- Variable duty cycle outputs of 16 Hz, 48 Hz, or 100 Hz
- Clinical indications provide the most appropriate application and parameter set for the patient's condition
- 10 user-defined memory positions
- Lightweight design, along with battery-powered option and custom designed mobile carrying bag, make transport easy
- Innovative design allows for cart, table top, wall or mobile use
- Backlit LCD display for better visibility in low light settings
- Improved ▲▼ button for easier navigation
- BNR <6:1
- Ergonomically designed sound heads in variety of sizes (1 cm<sup>2</sup>, 2 cm<sup>2</sup>, 5 cm<sup>2</sup>, and 10 cm<sup>2</sup>)
- All sound heads are interchangeable due to Electronic Signature™ residing on all transducers
- Head warming feature and head contact control with visual and auditory feedback on all sound heads
- 3 year warranty (accessories 1 year)



### ORDERING INFORMATION

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

#### Intelect Mobile Ultrasound

|      |                            |
|------|----------------------------|
| 2776 | Intelect Mobile Ultrasound |
|------|----------------------------|

#### Standard Accessories

|       |                              |
|-------|------------------------------|
| 27335 | 5 cm <sup>2</sup> Applicator |
|-------|------------------------------|

|      |                |
|------|----------------|
| 4248 | Ultrasound Gel |
|------|----------------|

|       |                   |
|-------|-------------------|
| 27483 | User Manual on CD |
|-------|-------------------|

#### Optional Accessories

|       |                              |
|-------|------------------------------|
| 27333 | 1 cm <sup>2</sup> Applicator |
|-------|------------------------------|

|       |                              |
|-------|------------------------------|
| 27334 | 2 cm <sup>2</sup> Applicator |
|-------|------------------------------|

|       |                               |
|-------|-------------------------------|
| 27336 | 10 cm <sup>2</sup> Applicator |
|-------|-------------------------------|

|       |              |
|-------|--------------|
| 27478 | Battery Pack |
|-------|--------------|

|       |                              |
|-------|------------------------------|
| 27467 | Intelect Mobile Carrying Bag |
|-------|------------------------------|

|      |                     |
|------|---------------------|
| 2775 | Therapy System Cart |
|------|---------------------|

|      |              |
|------|--------------|
| 2883 | Cart Adapter |
|------|--------------|

### TECHNICAL SPECIFICATIONS

|              |                       |
|--------------|-----------------------|
| Mains Power: | 120-240 VAC, 50-60 Hz |
|--------------|-----------------------|

|         |        |
|---------|--------|
| Weight: | 2.3 kg |
|---------|--------|

|              |                   |
|--------------|-------------------|
| Dimensions*: | 33 x 29 x 16.3 cm |
|--------------|-------------------|

|                          |                 |
|--------------------------|-----------------|
| Electrical Safety Class: | Class 1, Type B |
|--------------------------|-----------------|

|               |   |
|---------------|---|
| Safety Tests: | IEC 60601-1, IEC 60601-1-2, IEC 60601-2-5 |
|---------------|---|

\* Dimensions are listed as L x W x H



## INTELECT® MOBILE STIM



## ORDERING INFORMATION

## Part Number Description

## Intellect Mobile Stimulation

2777 Intellect Mobile Stim

## Standard Accessories

10648 Nylatex Wrap

79967 6 x 8 cm carbon electrodes (4x)

79970 6 x 8 cm sponges (4x)

27933 User Manual on CD

## Optional Accessories

27478 Battery Pack

27467 Intellect Mobile Carrying Bag

2775 Therapy System Cart

2774 Vacuum Module w/Therapy System cart

2883 Cart Adapter

For Electrodes, please see pages 23-26

## TECHNICAL SPECIFICATIONS

Mains Power: 120-240 VAC, 50-60 Hz

Weight: 2.3 kg

Dimensions\*: 33 x 29 x 16.3 cm

Electrical Safety Class: Class 1, Type BF

Safety Tests: IEC 60601-1, IEC 60601-1-2,  
IEC 60601-2-10

\* Dimensions are listed as L x W x H



## FEATURES

- 2 channels of stimulation output
- Independent intensity and parameter controls for each channel
- Multiple waveforms on board: (2 Pole IFC, 4 Pole IFC, Galvanic, High Voltage Pulsed Current (HVPC), Microcurrent, Russian, Träbert, Monophasic Triangular, Monophasic Rectangular, Diadynamic, VMS and TENS)
- 15 user-defined memory positions
- Lightweight design, along with battery-powered option and custom designed mobile carrying bag, make transport easy
- Innovative design allows for cart, table top, wall or mobile use
- Backlit LCD display for better visibility in low light settings
- Improved ▲▼ button for easier navigation
- 3 year warranty (probes and accessories 1 year)



## GELS AND LOTIONS



### FEATURES

#### A Intelect® Ultrasound Gel

Non-greasy, non-staining and hypoallergenic gel enhances conductivity.

#### B Ultrasound Transmission Gel

Water soluble, non-greasy ultrasound and coupling gel.

#### C Ultra-Myossage® Lotion

Formulated with aloe vera, this top quality lotion is ideal for massage or as an ultrasound coupling agent. No menthol, hexachlorophene or polysorbates. Non-allergenic, water-soluble and greaseless.

#### D Myossage® Lotion

Helps give a soothing effective massage.

Non-alcoholic, non-greasy and non-staining lotion.

### ORDERING INFORMATION

| Part Number                          | Description                      |
|--------------------------------------|----------------------------------|
| <b>A Intelect® Ultrasound Gel</b>    |                                  |
| 4266                                 | 5 liter Container (1.3 gallon)   |
| <b>B Ultrasound Transmission Gel</b> |                                  |
| 4248                                 | 250 ml bottles (24/case)         |
| 4238                                 | 5 liter container (1.3 gallon)   |
| <b>C Ultra-Myossage® Lotion</b>      |                                  |
| 4262                                 | 3.8 liter (1 gallon)             |
| 4260                                 | 250 ml (8 oz.) Bottles (12/case) |
| <b>D Myossage® Lotion</b>            |                                  |
| 4210                                 | 3.8 liter (1 gallon)             |
| 4208                                 | 250 ml (8 oz.) Bottles (12/case) |

## ORDERING INFORMATION

## Part Number Description

## EMPI Direct TENS

2527116 Direct TENS  
(EN-FR-SP-IT-NL-SE-PT-FI-SE-DK-NO-TU)

Full Kit includes 4 Electrodes

## Standard Accessories

|          |   |
|----------|---|
| 880043   | User Manual CD ROM  |
| 193068   | Set of 2 Leadwires  |
| 1551     | 2 AA Alkaline Batteries                                     |
| 42190    | Dura-Stick 5x5 cm Square Electrodes (4 electrodes per pack) |
| 66800637 | Small Pouch   |

For Electrodes, please see pages 23-26

## TECHNICAL SPECIFICATIONS

|                           |  |
|---------------------------|--|
| Number of Channels:       | 2  |
| Number of Programs:       | 13   |
| Constant Voltage:         | Up to a resistance of 1000 ohms                            |
| Maximum Amplitude:        | 40mA @1000ohms, 250 $\mu$ s                                |
| Output Intensity:         | 0-60, adjustable in 0.5 steps                              |
| Max Pulse Duration/width: | Up to 250 $\mu$ seconds                                    |
| Max Frequency:            | 1,000 Hz   |
| Power Source:             | 2 x 1.5V AA Batteries or 2x 1.2V AA rechargeable batteries |
| Dimensions*:              | 110x70x30 mm   |
| Weight:                   | 165 g (Including batteries)                                |
| Electrical Safety Class:  | Class IIa, Type BF   |
| Safety Test:              | EC 60601-1, IEC 60601-1-2                                  |

\* Dimensions are listed as L x W x H

## WAVEFORMS



• Asymmetrical Biphasic 100% compensated

## EMPI® DIRECT TENS™



## FEATURES

- 2 Channels of stimulation output
- 13 Pre-set programs including 5 quick select programs for ease of use
- Modern design and soft push buttons for comfortable use
- Adjustable timer
- Unit features include 5 stimulation programs
  - Pulse
  - Burst
  - Continuous
  - Mixed Frequency
  - Multi-modulation
- Easy to read LCD display and convenient easy to use controls
- 2 year warranty (unit only)



## INTELECT® TENS/NMES/IFC



Intellect® TENS Economy  
Intellect® TENS Standard  
Intellect® NMES Portable

Intellect® TENS Digital  
Intellect® NMES Digital

Intellect® IFC Portable



### FEATURES

#### Intellect® TENS

For symptomatic relief and management of chronic pain and acute post-surgical or post-trauma pain.

- Dual independent channels
- Adjustable timer on standard and digital units
- Adjustable frequency and pulse duration parameters
- Basic and standard units feature three modes: burst, normal and modulation
- Digital unit features five modes:
  - Burst
  - Normal
  - Modulated rate and width
  - Strength duration and bi-pulse
- Digital unit has easy-to-read LCD display and convenient digital controls
- 2 year warranty (unit only)

#### Intellect® NMES Portable

For the prevention of Disuse Atrophy as well as muscle re-education, increasing range of motion and increasing circulation.

- Dual independent channels
- Adjustable pulse amplitude, pulse frequency and contraction/relaxation time parameters
- Digital unit features:
  - Adjustable pulse width and timer parameters
  - Three stim modes: Synchronous, Constant, Alternate
  - Easy-to-read LCD display and convenient digital controls
- 2 year warranty (unit only)

#### Intellect® IFC

- Dual channel, manual selection for two or four electrodes
- Adjustable pulse amplitude, interference frequency and difference frequency parameters
- Four stimulation modes (frequency shifts): Continuous, 1/1, 8/8 and 10/10 Ramped
- Includes 120V AC line cord adapter
- Sliding cover for controls and battery
- 2 year warranty (unit only)



### ORDERING INFORMATION

Packaged unit includes TENS, or NMES unit, set of lead wires, package of DURA-STICK self-adhesive electrodes, 9V battery, operations manual and convenient carrying case.

| Part Number                     | Description             |
|---------------------------------|-------------------------|
| <b>Intellect TENS</b>           |                         |
| 77720                           | Intellect TENS Economy  |
| 77724                           | Intellect TENS Digital  |
| 77598                           | Intellect TENS Standard |
| <b>Intellect NMES</b>           |                         |
| 77721                           | Intellect NMES Portable |
| 77722                           | Intellect NMES Digital  |
| <b>Intellect INTERFERENCIAL</b> |                         |
| 77723                           | Intellect IFC Portable  |

For Electrodes, please see pages 23-26

### TECHNICAL SPECIFICATIONS

#### TENS Economy, TENS Standard & TENS Digital

|                  |  |
|------------------|--|
| Channel:         | Dual, isolated                                 |
| Waveform:        | Asymmetric biphasic square pulse               |
| Pulse Amplitude: | 0-80 mA each channel adjustable (500 ohm load) |
| Pulse Width:     | 60-250µ sec. adjustable (Economy & Standard)   |
| Pulse Width:     | 50-300µ sec. adjustable (Digital)              |
| Pulse Frequency: | 2-150 Hz adjustable                            |

#### NMES Portable

|                  |  |
|------------------|--|
| Channel:         | Dual, isolated                                 |
| Waveform:        | Asymmetric biphasic square pulse               |
| Pulse Amplitude: | 0-80 mA each channel adjustable (500 ohm load) |
| Pulse Width:     | 250µ sec.                                      |
| Pulse Frequency: | 5, 30, 100 Hz                                  |

#### NMES Digital

|                  |  |
|------------------|--|
| Channel:         | Dual, isolated                                 |
| Waveform:        | Asymmetric biphasic square pulse               |
| Pulse Amplitude: | 0-80 mA each channel adjustable (500 ohm load) |
| Pulse Width:     | 50-300µ sec. adjustable                        |
| Pulse Frequency: | 2-120 Hz, adjustable                           |

#### IFC

|                  |                                       |
|------------------|---------------------------------------|
| Channel:         | Single for 2 pole or Dual for 4 pole  |
| Waveform:        | Symmetric biphasic square             |
| Pulse Amplitude: | 0~32 mA, adjustable (at 500 ohm load) |
| Pulse Width:     | 125µ sec./phase                       |
| Pulse Frequency: | 4000+/-10% Hz fixed                   |

\* Dimensions are listed as L x W x H

**ORDERING INFORMATION**

| Part Number               | Description                                     |  |
|---------------------------|---|--|
| <b>Dura-Stick Premium</b> |   |  |
| 42209                     | 5 cm (2")                                       |  |
| 42210                     | 5 x 9 cm (2 x 3.5")                             |  |
| 42205                     | 3.2 cm (1.25")                                  |  |
| 42206                     | 5 cm (2")                                       |  |
| 42207                     | 4 x 6 cm (1.5 x 2.5")                           |  |
| 42208                     | 8 x 13 cm (3 x 5") (2 pack)                     |  |
| 42211                     | 5 cm (2") blue gel                              |  |
| 42212                     | 4 x 9 cm (1.5 x 3.5") blue gel                  |  |
| <b>Dura-Stick Plus</b>    |   |  |
| 42198                     | 5 cm (2") cloth                                 |  |
| 42193                     | 5 cm (2") foam                                  |  |
| 42199                     | 5 x 9 cm (2 x 3.5") cloth                       |  |
| 42194                     | 5 x 9 cm (2 x 3.5") foam                        |  |
| 42200                     | 5 x 10 cm (2 x 4") cloth - double wire (2 pack) |  |
| 42218                     | 1.5 x 15 cm (0.5 x 6") cloth (6 pack)           |  |
| 42219                     | 3.2 cm (1.25") cloth                            |  |
| 42197                     | 5 cm (2") cloth                                 |  |
| 42192                     | 5 cm (2") foam                                  |  |
| 42195                     | 4 x 6 cm (1.5 x 2.5") foam                      |  |
| 42196                     | 5 x 10 cm (2 x 4") foam                         |  |
| 42201                     | 5 cm (2") cloth - clip                          |  |
| 42202                     | 5 x 10 cm (2 x 4") cloth - clip                 |  |
| 42204                     | 5 cm (2") cloth                                 |  |
| 42203                     | 5 x 10 cm (2 x 4") cloth - double snap (2 pack) |  |
| <b>Dura-Stick</b>         |   |  |
| 42188                     | 5 cm (2") (2 pack)                              |  |
| 42189                     | 5 x 9 cm (2 x 3.5") (2 pack)                    |  |
| 42190                     | 5 cm (2")                                       |  |
| 42191                     | 5 x 9 cm (2 x 3.5")                             |  |

Note: 4 electrodes per pack unless otherwise noted.

**DURA-STICK® PREMIUM**

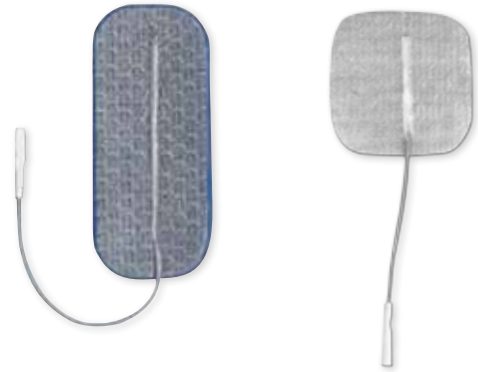
**FEATURES**

**Stainless Steel Electrodes**

- Superior conductivity
- Unmatched electrode conformity – pliable material conforms to irregular body contours yet still maintains superior conductivity properties

**Blue Gel Electrodes**

- Multi-layer adhesive gel that optimally bonds to the electrode layer and mesh (scrim) layer
- Gel is formulated to provide multiple applications to sensitive skin



**DURA-STICK® PLUS**

**FEATURES**

- Precise control and optimization of electrical current
- Comfortable and effective stimulation is achieved through the electrode
- Available in cloth or foam backing
- Available with lead wires, proprietary MI snap connection or standard clip



**DURA-STICK®**

**FEATURES**

- Cost effective electrodes in which comfort and performance are not sacrificed
- White cloth backing aids in the conformity of the electrode to the skin





## PROBES



### FEATURES

#### A SAINT-CLOUD CLASSIC

##### 2-Ring Vaginal Probe

The ring electrodes permit stimulation of the entire vaginal wall. The elongated end facilitates holding. The constricted shape reduces the risk of expulsion during treatment.

#### B SAINT-CLOUD PLUS Vaginal Probe

The low, lateral position of the large electrodes facilitates muscle work and enhances stimulation comfort. The holding collar ensures that the probe is kept at the optimum penetration depth. The disconnection of the cables allows the probe to be fully immersed in a disinfecting bath.

#### C SAINT-CLOUD Anal Probe

The 110° angulation ring permits puborectal and anal striated sphincter work. The holding tab helps to hold the probe in place and prevents the risk of expulsion during treatment.

#### G Snap Adapters

Adapters for connecting snap style electrodes to pin style lead wires. Snap adapters allow easy connection of snap electrodes to any Intellect® device.

### ORDERING INFORMATION

| Part Number  | Description  |
|--|--|
| <b>A Saint-Cloud Classic</b>   |  |
| 114.502+   | Saint-Cloud CLASSIC 2-Ring Vaginal Probe (Length: 13 cm / Dia.: 2.5 cm) with 3-pin DIN connector |
| <b>B Saint-Cloud Plus Vaginal Probe<br/>Chattanooga EMG Intravaginal Probe</b> |  |
| 114.610EXP   | Saint-Cloud PLUS Vaginal Probe (Length: 12.8 cm / Dia.: 2.4 cm) with 2 x 2 mm pin connectors     |
| <b>Optional Accessories</b>  |  |
| 114.901  | Monopolar cable  |
| 114.920  | Male 3-pin DIN adapter   |
| <b>Saint-Cloud Anal Probe</b>  |  |
| C 114.240+   | Saint-Cloud Anal Probe (Length: 11 cm / Dia.: 1.3 cm) with 3-pin DIN connector                   |
| D 114.242+   | Saint-Cloud anal probe, 2 x 2 mm pin connectors  |
| <b>E Finger Guard</b>  |  |
| 114.121  | Finger Guard: To manually search for stimulation points and for manual testing                   |
| <b>F Dura-Stick EMG Electrodes</b>   |  |
| 42185  | DURA-STICK EMG, 6 cm round electrodes, (100 electrodes/bag)                                      |
| <b>G Snap Adapters</b>   |  |
| 1336   | Snap Adapters  |

| PRODUCT  | CONNECTORS        |                |                      |                              | REFERENCE   |
|--|-------------------|----------------|----------------------|------------------------------|---|
|  | UNIT CONNECTION   |                | ELECTRODE CONNECTION |                              |   |
|  | CONNECTOR DIAGRAM | CONNECTOR NAME | CONNECTOR DIAGRAM    | CONNECTOR NAME               |   |
| SAINT-CLOUD PLUS VAGINAL PROBE   |                   |                |                      | 2x2 mm female Sockets        | 114.610EXP  |
| SAINT-CLOUD CLASSIC VAGINAL PROBE  |                   |                |                      | 1 x male 3-pin DIN connector | 114.502+  |
| SAINT-CLOUD ANAL PROBE   |                   |                |                      | 1 x male 3-pin DIN connector | 114.240+  |
|  |                   |                |                      | 2x2 mm female Sockets        | 114.242+  |
| INTELECT ADVANCED COMBO<br>INTELECT ADVANCED STIM<br>INTELECT MOBILE COMBO<br>INTELECT MOBILE STIM |                   | Female Sockets |                      | 1 male pin connector         | <b>Stim Lead Wires:</b><br>27312 (Channel 1)<br>27313 (Channel 2)<br>27314 (Channel 3)<br>27315 (Channel 4)<br><b>EMG Lead Wires:</b><br>27321 (Channel 1)<br>27322 (Channel 2) |



## ORDERING INFORMATION

## Part Number Description

**A Ultrasound Applicators**

|       |                               |
|-------|-------------------------------|
| 27333 | 1 cm <sup>2</sup> applicator  |
| 27334 | 2 cm <sup>2</sup> applicator  |
| 27335 | 5 cm <sup>2</sup> applicator  |
| 27336 | 10 cm <sup>2</sup> applicator |

**B Laser Probes**

REF See Page 15

**C Operator Remote**

|       |                 |
|-------|-----------------|
| 27508 | Channel 1 and 2 |
| 27079 | Channel 3 and 4 |

**D Therapy System Cart**

|      |                     |
|------|---------------------|
| 2775 | Therapy System Cart |
|------|---------------------|

**E Cart Adapter**

|      |              |
|------|--------------|
| 2883 | Cart Adapter |
|------|--------------|

**F Nylatex Individual (1 pack of 3)**

|      |             |
|------|-------------|
| 1202 | 6 x 46 cm   |
| 1210 | 10 x 91 cm  |
| 1264 | 6 x 61 cm   |
| 1212 | 10 x 122 cm |
| 1204 | 6 x 91 cm   |
| 1214 | 15 x 46 cm  |
| 1206 | 6 x 122 cm  |
| 1216 | 15 x 91 cm  |
| 1208 | 10 x 46 cm  |
| 1218 | 15 x 122 cm |

**G Vacuum Electrode Cups**

|       |   |
|-------|---|
| 27657 | 30 mm Stainless Steel electrodes (4/pack) |
| 56852 | 60 mm Stainless Steel electrodes (4/pack) |
| 56851 | 90 mm Stainless Steel electrodes (4/pack) |
| 56898 | 30 mm Aluminum electrodes (4/pack)        |
| 56899 | 60 mm Aluminum electrodes (4/pack)        |
| 56900 | 90 mm Aluminum electrodes (4/pack)        |

**H Vacuum Sponges**

|       |                        |
|-------|------------------------|
| 27658 | 30 mm sponges (4/pack) |
| 56806 | 60 mm sponges (4/pack) |
| 56807 | 90 mm sponges (4/pack) |

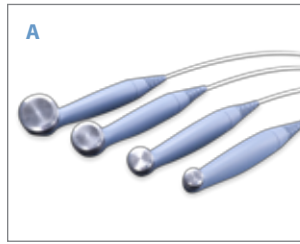
**I Stim Lead Wires**

|       |           |
|-------|-----------|
| 27312 | Channel 1 |
| 27313 | Channel 2 |
| 27314 | Channel 3 |
| 27315 | Channel 4 |

**J EMG Lead Wires**

|       |           |
|-------|-----------|
| 27321 | Channel 1 |
| 27322 | Channel 2 |

## ACCESSORIES



## FEATURES

**A Ultrasound Applicators**

Pre-calibrated, waterproof and ergonomically designed sound heads which operate at 1 and 3 MHz frequencies. The applicators are equipped with coupling indicators and are interchangeable between all Intellect Advanced and Intellect Mobile units.

**B Laser Probes**

Innovative design at its finest with these LED, Laser Diode and Cluster Probes. Available in a variety of output powers, from 10 mw to 1440 mw, depending on probe type.

**C Operator Remote**

The operator remote conforms comfortably to the operator's hand to allow treatment stop, start or pause at any time during the session. The remote also functions to change amplitude. Each remote is color-coded to allow designation between channels.

**D Therapy System Cart****E Cart Adapter**

Easily connects any Intellect Mobile unit to a Therapy System cart.

**F Nylatex Individual**

(1 pack of 3).

**G Vacuum Electrode Cups**

Provides secure electrotherapy application to the body. Available in Stainless Steel or Aluminum in the following sizes: 30 mm, 60 mm & 90 mm. 4 per pack.

**H Vacuum Sponges**

Available in the following sizes: 30 mm, 60 mm & 90 mm. 4 per pack.

**I Stim Lead Wires**

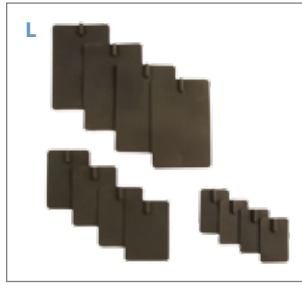
Designed with a rip stop feature and color-coding on the connectors to easily distinguish between channels.

**J EMG Lead Wires**

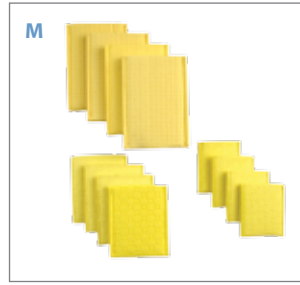
Designed with a rip stop feature and color-coding on the connectors to easily distinguish between channels.



K



L



M



N



O



P



Q



R



S

## FEATURES

### K Patient Data Cards

Patient data cards allow patient modality and pain profile information to be recorded from the Intelect Advanced unit and reviewed on the PC, or filed with the patient's treatment records for use in future treatment sessions.

### L Rubber Electrodes

Rubber electrodes are available in the following sizes: 4 x 6 cm, 6 x 8 cm, and 8 x 12 cm.

### M Electrode Sponges

Electrode Sponges are available in the following sizes: 4 x 6 cm, 6 x 8 cm, and 8 x 12 cm.

### N HiVolt Probe

The HiVolt Probe Kit includes a lightweight HiVolt Probe and two sponge covered applicator tips (15 mm and 8 mm).

### O Microcurrent Probe

An optional microcurrent probe to compliment the Intelect® Advanced line of electrotherapy. It consists of an ergonomic handheld probe with switch and 2 electrode applicator tips (4.7mm and 1.6 mm balls).

### P Intelect Advanced Carrying Bag

A ruggedly constructed bag to easily transport the Intelect Advanced unit. All bags are specially designed to hold the unit securely in one side and compartmentalize all necessary accessories in the other.

### Q EMG Data Card

EMG data cards record EMG sessions from the Advanced unit for download to the PC for analysis and reporting.

### R Intelect Mobile Carrying Bag

The perfect, ergonomically designed bag to easily allow transport of any Intelect Mobile unit. All bags are specially designed to hold the unit securely in place while providing additional storage for all necessary accessories.

### S Intelect Mobile Battery Pack

A self-contained Nickel Metal Hydride battery that stores conveniently in the bottom of the Intelect Mobile Ultrasound, Stimulation, Combination, or Laser Unit.

## ORDERING INFORMATION

| Part Number                             | Description                     |
|---|---------------------------------|
| <b>K Patient Data Cards</b>             |                                 |
| 27465                                   | Patient data cards (Pack of 25) |
| <b>L Rubber Electrodes</b>              |                                 |
| 79966                                   | 4 x 6 cm (1/pack)               |
| 79967                                   | 6 x 8 cm (1/pack)               |
| 79968                                   | 8 x 12 cm (1/pack)              |
| 67369                                   | 8 mm (1/pack)                   |
| 67370                                   | 15 mm (1/pack)                  |
| <b>M Electrode Sponges</b>              |                                 |
| 79969                                   | 4 x 6 cm (1/pack)               |
| 79970                                   | 6 x 8 cm (1/pack)               |
| 79971                                   | 8 x 12 cm (1/pack)              |
| <b>N HiVolt Probe</b>                   |                                 |
| 79977                                   | HiVolt Probe                    |
| <b>O Microcurrent Probe</b>             |                                 |
| 57007                                   | Microcurrent Probe              |
| <b>P Intelect Advanced Carrying Bag</b> |                                 |
| 27133                                   | Intelect Advanced Carrying bag  |
| <b>Q EMG Data Card</b>                  |                                 |
| 27167                                   | EMG data card (1/pack)          |
| <b>R Intelect Mobile Carrying Bag</b>   |                                 |
| 27467                                   | Intelect Mobile Carrying Bag    |
| <b>S Intelect Mobile Battery Pack</b>   |                                 |
| 27478                                   | Battery Pack                    |