



Physical Medicine Modalities



Introduction

Chattanooga® is a manufacturer of rehabilitation equipment for treating musculoskeletal, neurological and soft tissue disorders. Our products contribute to treatment outcomes in hospitals, clinics and home settings worldwide. We strive to lead the rehabilitation industry by example, and through continuous innovation, provide real world solutions for clinicians and their patients.

As one of the world's leading brands in rehabilitation, Chattanooga is sold in over 80 countries worldwide. Chattanooga distributors and customers are supported by a team of personnel who oversee new product development, product training and education, order placement, product delivery, and after sales service in addition to providing dedicated sales and marketing support.

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.

Please read complete instructions for use for all products prior to use.

Visit www.DJOglobal.com/chattanooga



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Physical Agent Modalities

For over 25 years, Chattanooga® has been a leader in electrotherapy devices and has gradually expanded its product offering to include other essential physical agent 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. Chattanooga is committed to continually working with customers to develop smart solutions that empower therapists to provide the best treatment to their patients. Please read complete instructions for use found on electrode packaging prior to use.

Ordering Information

Item#	Description
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Intellect Legend XT® System	
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2763	2-Channel Electrotherapy
2786	4-Channel Electrotherapy
2760	2-Channel Electrotherapy
2788	4-Channel Electrotherapy

Intellect Legend XT System with Cart	
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2793	2-Channel Electrotherapy
2797	4-Channel Electrotherapy
2791	2-Channel Combination
2795	4-Channel Combination

Standard Accessories	
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27383	5 cm ² Sound Head Applicator
27312	Electrotherapy Leadwire Channel 1
27313	Electrotherapy Leadwire Channel 2
27314	Electrotherapy Leadwire Channel 3
27315	Electrotherapy Leadwire Channel 4

Optional Accessories	
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2781	Channel 3 and 4 Electrotherapy Module
2780ASY	Therapy Cart (assembled)
2767	Battery Module (Self-contained Nickel Metal Hydride battery automatically and continually charges when unit is plugged into mains power supply.)
27469	Patient Interrupt Switch Channels 1 and 2
27470	Patient Interrupt Switch Channels 3 and 4
72852	Black Rubber Carbon 3" (8 cm) Electrodes (2x)
72853	Red Rubber Carbon 3" (8 cm) Electrodes (2x)
10648	Nylatex® Wrap, 2.5" x 24" (2x)
27465	Patient Data Cards (25/pack)
27508	Operator Remote Channels 1 and 2
27079	Operator Remote Channels 3 and 4
27381	1 cm ² Sound Head Applicator
27382	2 cm ² Sound Head Applicator
27384	10 cm ² Sound Head Applicator

Intellect Legend XT®



Features

Intellect Legend XT®

The Intellect Legend XT® is an advanced therapy system. Beneath its award-winning, ergonomic design is a sophisticated, versatile, user-friendly system. The Intellect Legend XT lets you offer a comprehensive range of therapies in a single unit.

- Patented ergonomic modular design
- Modularity allows the addition of two additional channels of electrotherapy or a battery module
- High contrast 5" (13 cm) FSTN LCD monochromatic user interface
- Two independent electrotherapy channels, expandable to four independent channels
- Multiple waveform electrotherapy—six clinical waveforms: Interferential, Premodulated, High Volt, Russian, Symmetrical Biphasic and Microcurrent
- Documentation of treatment data with Patient Data Cards
- User defined protocols for your specific needs
- Dual frequency ultrasound at 1 or 3.3 MHz
- Pulsed or Continuous Duty Cycles (10%, 20%, 50% & 100%)
- Four ergonomically designed soundhead applicator sizes: 1 cm², 2 cm², 5 cm² & 10 cm²
- Watertight soundheads for use in underwater therapy
- Therapy System Cart helps to maximize storage of clinical supplies and organizes cables
- Optional Operator Remotes allow treatment stop, start and pause, as well as change in amplitude at any time during a treatment session. Each remote is color-coded for designation between channels
- Two-year warranty for all clinical electrotherapy



Intellect Legend XT® Carry Bag

Ruggedly constructed to easily transport the Legend XT and all accessories required for therapy on-the-go.



Modularity

Flexible modular design accommodates either two additional channels or a battery module.



User Defined Protocols

Customize waveforms to your specific needs and organize alphabetically by patient name for easy recall.



Patient Documentation

Patient Data Cards allow clinicians to capture and record accurate patient information using programs such as pain map profile, modality records and electrode placement diagrams.



Multiple Waveforms

Six essential clinical waveforms to manage a broad spectrum of clinical conditions: Interferential, Premodulated, High Volt, Russian, Microcurrent and Symmetrical Biphasic.

Technical Specifications

Intellect Legend XT

Mains Power:	100-240 VAC-50/60 Hz, 1.0 A
Power Consumption:	1000 W
Weight:	7 lb (3.2 kg) /Shipping - 16 lb (7.3 kg)
Dimensions*:	12.75" x 11.4" x 8.75" (32.4 x 28.9 x 22.2 cm)
Electrical Safety Class:	Class I, Electrotherapy Type BF, Ultra-sound Type B
Safety Tests:	UL/IEC/EN 60601-1, IEC/EN 60601-1-2, IEC 60601-2-5, IEC 60601-2-10

* Dimensions are listed as L x W x H

Waveforms



INTERFERENTIAL

- Continuous
- Manual Vector Scan



PREMODULATED

- Continuous
- Cycle Timed



HIGH VOLT

- Twin peak



RUSSIAN

- Continuous
- Cycle Timed



MICROCURRENT

- Polarity Based



SYMMETRICAL BIPHASIC

- Continuous
- Cycle Timed

Patented Technology

The Intellect Legend XT Therapy System is protected by one or more of the following patents:

D503,807	D511,008
D497,462	D513,615
D506,260	D504,593
D505,726	D508,998

Additional Patents Pending

Ordering Information**Item# Description****Intellect TranSport® Ultrasound**

2782 Intellect Transport Ultrasound

Standard Accessories27383 5 cm² Sound Head Applicator4248 Conductor™ Ultrasound Gel 8.5 oz (250 ml)
Bottle (1x)**Optional Accessories**27478 Intellect Transport Nickel Metal Hydride
Battery Pack27381 1 cm² Sound Head Applicator27382 2 cm² Sound Head Applicator27384 10 cm² Sound Head Applicator

27467 Intellect Transport Carry Bag

2780ASY Therapy Cart (assembled)

2884 Cart Adapter (Gray) Allows the Intellect
Transport unit to attach securely to the
Therapy Cart.Note: The Cart Adapter, part number 2884, is necessary when
ordering a cart for a Transport Unit.**Technical Specifications****Intellect Transport Ultrasound**

Mains Power: 100-240 VAC-50/60 Hz, 1.0 A

Weight: 5 lb (2.3 kg) /Shipping - 9 lb (4 kg)

Dimensions*: 12.9" x 11.3" x 6.4" (32.8 x 28.8 x 16.3 cm)

Electrical
Safety Class: Class I, Type BSafety Tests: UL/IEC/EN 60601-1, IEC/EN 60601-1-2,
IEC 60601-2-5

* Dimensions are listed as L x W x H

Intellect TranSport® Ultrasound

**Features****Intellect TranSport® Ultrasound**

- Fully functional 1 and 3.3 MHz frequencies
- Ten user-defined memory positions for User Protocols
- Pulsed and continuous therapy operation (10%, 20%, 50% and 100%)
- Ergonomically designed Sound Head Applicators in variety of sizes (1 cm², 2 cm², 5 cm² and 10 cm²)
- Sound heads are watertight for use in underwater therapy
- All Sound Head Applicators are interchangeable due to Electronic Signature™ residing on all transducers
- Head-warming feature on all Sound Head Applicators
- Unit designed for table mount, therapy cart or mobile use
- 110V or battery powered option
- Optional Therapy Cart integrates with the unit to help maximize storage of clinical supplies
- Two-year warranty

**Cart Adapter****Optional Battery Pack**

Intelect TranSport® Electrotherapy



Features

Intelect TranSport® Electrotherapy

- Two channels of electrical stimulation output
- Logical control system and a large easy-to-read graphical LCD display
- Four standard waveforms on board: Interferential, Premodulated, High Volt, and Russian
- Ten user-defined memory positions for User Protocols
- Independent intensity and parameter controls for each channel
- Unit designed for tabletop, wall mount, therapy cart or mobile use
- 110V or battery-powered option
- Optional Therapy Cart integrates with the unit to maximize storage of clinical supplies
- Two-year warranty



The custom designed carrying bag (optional) is lightweight. Protect and transport the unit and accessories for therapy on the go.

Ordering Information

Item#	Description
Intelect TranSport® Electrotherapy	
2783	Intelect Transport® 2-Channel Electrotherapy
Standard Accessories	
27312	Electrotherapy Leadwire Channel 1
27313	Electrotherapy Leadwire Channel 2
Optional Accessories	
27478	Intelect Transport Nickel Metal Hydride Battery Pack
72852	Black Rubber Carbon 3" (8 cm) Electrodes (2x)
72853	Red Rubber Carbon 3" (8 cm) Electrodes (2x)
10648	Nylatex® Wrap 2.5" x 24" (2x)
27467	Intelect Transport Carry Bag
2780ASY	Therapy Cart (assembled)
2884	Cart Adapter (Gray) Allows the Intelect Transport unit to attach securely to the Therapy Cart.

Note: The Cart Adapter, part number 2884, is necessary when ordering a cart for a Transport Unit.

Waveforms

	INTERFERENTIAL <ul style="list-style-type: none"> • Continuous • Manual Vector Scan
	PREMODULATED <ul style="list-style-type: none"> • Continuous • Cycle Timed
	HIGH VOLT <ul style="list-style-type: none"> • Twin peak
	RUSSIAN <ul style="list-style-type: none"> • Continuous • Cycle Timed

Technical Specifications

Intelect Transport Electrotherapy	
Mains Power:	100-240 VAC-50/60 Hz, 1.0 A
Weight:	5 lb (2.3 kg) /Shipping - 9 lb (4 kg)
Dimensions*:	12.9" x 11.3" x 6.4" (32.8 x 28.8 x 16.3 cm)
Electrical Safety Class:	Class I, Type B
Safety Tests:	UL/IEC/EN 60601-1, IEC/EN 60601-1-2, IEC 60601-2-5

* Dimensions are listed as L x W x H

Ordering Information**Item# Description****Intellect TranSport® Combo**

2738 Intellect Transport Combo

Standard Accessories27383 5 cm² Sound Head Applicator

4248 Conductor™ Ultrasound Gel 8.5 oz (250 ml) Bottle (1x)

27312 Electrotherapy Leadwire Channel 1

27313 Electrotherapy Leadwire Channel 2

Optional Accessories

27478 Intellect Transport Nickel Metal Hydride Battery Pack

72852 Black Rubber Carbon 3" (8 cm) Electrodes (2x)

72853 Red Rubber Carbon 3" (8 cm) Electrodes (2x)

10648 Nylatex® Wrap 2.5" x 24" (2x)

27381 1 cm² Sound Head Applicator27381 2 cm² Sound Head Applicator27384 10 cm² Sound Head Applicator

27467 Intellect Transport Carry Bag

Waveforms**INTERFERENTIAL**

- Continuous
- Manual Vector Scan

**PREMODULATED**

- Continuous
- Cycle Timed

**HIGH VOLT**

- Twin peak

**RUSSIAN**

- Continuous
- Cycle Timed

Technical Specifications**Intellect TranSport® Combo**

Mains Power: 100-240 VAC-50/60 Hz, 1.0 A

Weight: 5 lb (2.3 kg) / Shipping - 9 lb (4 kg)

Dimensions*: 12.9" x 11.3" x 6.4" (32.8 x 28.8 x 16.3 cm)

Electrical Safety Class: Class 1, Type B

Safety Tests: UL/IEC/EN 60601-1, IEC/EN 60601-1-2, IEC 60601-2-5

* Dimensions are listed as L x W x H

Intellect TranSport® Combo**Features****Intellect TranSport® Combo**

- Fully functional 1 and 3.3 MHz ultrasound frequencies
- Two channels of electrical stimulation output
- Ten user-defined memory positions for User Protocols
- Four standard waveforms on board: Interferential, Premodulated, High Volt, and Russian
- Pulsed and continuous therapy operation (10%, 20%, 50% and 100%)
- Independent intensity and parameter controls for each channel
- Ergonomically designed Sound Head Applicators in a variety of sizes (1 cm², 2 cm², 5 cm² and 10 cm²)
- All Sound Head Applicators are interchangeable with Electronic Signature™ residing on all transducers
- Watertight sound heads for use in underwater therapy
- Head-warming feature on all Sound Head Applicators
- Unit designed for tabletop, wall mount, therapy cart or mobile use
- 110V or battery powered option
- Two-year warranty



Primera™ TENS/NMES with Han Waveform



Features

Primera™ TENS/NMES with Han Waveform

- Extensive range of programs – 8 TENS and 6 NMES Programs
- HAN TENS Waveform
- Complete package includes: PRIMERA Unit, Carrying Case, Battery, Leadwires, Dura-Stick Electrodes, Back Support Belt and User's Manual
- Two-year Warranty

Technical Specifications

- Waveform: Asymmetrical, rectangular bi-phasic with zero DC current
- Open Electrode Detect: If an open circuit is detected at the output of channel A or B the output current will be reset at zero
- TENS and NMES Amplitude: 0 - 80 mA

Ordering Information

Item#	Description
Primera™ TENS/NMES with Han Waveform	
77615	PRIMERA™ TENS/NMES Complete Unit Contains: Manual, Lead wires (2), Garment Belt, Battery, and Electrodes in the Carrying Case
Technical Specifications	
Primera™ TENS/NMES with Han Waveform	
Channel:	2 Channels
Waveform:	Asymmetrical, rectangular bi-phasic with zero DC current
Pulse Amplitude:	0 - 80 mA
Pulse Width:	60 - 250 us
Pulse Frequency:	0 - 150 Hz
Dimensions:	108 x 62 x 26 mm without clip (32 mm with clip)
Weight:	0.09 kg. without battery, 0.1 kg. with battery

Primera™ TENS/NMES with Han Waveform

Technical Specifications

Primera™ TENS/NMES with Han Waveform

Ordering Information

Item# Description

Intelect TENS

- A 77710** Intelect TENS Basic
- B 77600** Intelect TENS Standard
- C 77712** Intelect TENS Digital

Intelect NMES

- D 77715** Intelect NMES Standard
- E 77717** Intelect NMES Digital

Intelect IFC

- F 77719** Intelect IFC Portable

Lead Wires (not shown)

- 77593** Lead Wire, TENS 360° Pivot, Unshielded Connector (Pair)
- 77594** Lead Wire, TENS 360° Pivot, Shielded Connector (Pair)
- 77595** Lead Wire, TENS Non-Pivot, Shielded Connector (Pair)

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:** 50-300µ sec. adjustable (Digital)

NMES Portable - Standard and Digital

- Channel:** Dual, isolated
- Waveform:** Asymmetric biphasic square pulse
- Pulse Amplitude:** 0-80 mA each channel adjustable (500 ohm load)
- Pulse Width:** 250µ sec. (Standard)
- Pulse Width:** 50-300µ sec. adjustable (Digital)
- Pulse Frequency:** 5, 30, 100 Hz (Standard)
- Pulse Frequency:** 2-120 Hz, adjustable (Digital)

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
All Portable Units (A-F) on this page carry a One-Year Warranty

Intelect® Portable Electrotherapy



Features

Long known for innovative clinical electrotherapy, Chattanooga® offers you a full line of portable electrotherapy products with Intelect TENS units, Intelect NMES (Neuromuscular Electrical Stimulation) and Intelect IFC (Interferential Current) units. Treat multiple patient needs from pain management to the prevention or retardation of disuse muscle atrophy. All devices come with lead wires, 9-volt battery, DURA-STICK™ Self-Adhesive Electrodes and a convenient carrying case.

A-C Intelect TENS

- 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

D-E Intelect NMES

- 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 and Alternate
 - Easy-to-read LCD display and convenient digital controls

F Intelect 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

GELS AND LOTIONS



Features

A Intelect® Ultrasound Gel

Non-greasy, non-staining gel enhances conductivity.

B Ultrasound Transmission Gel

Water soluble, non-greasy ultrasound and coupling gel.

C Ultra-Myossage™ Lotion

Formulated with aloe vera the Ultra-Myossage lotion is ideal for massage or as an ultrasound coupling agent. It does not contain menthol or polysorbates and is water-soluble and greaseless.

D Myossage™ Lotion

Soothing, alcohol-free, non-greasy and non-staining lotion.

E Nylatex Wraps

- Ideal for holding cold packs in place
- Several sizes available
- Reusable

Ordering Information

Item#	Description
A Intelect® Ultrasound Gel	
4266	1.3 Gallon (5 Liter) Container Includes one 8.5 oz. container for refill
B Conductor™ Transmission Gel	
4238	1.3 Gallon (5 Liter) Container Includes one 8.5 oz. container for refill
4248	8.5 oz. (250 ml) Bottle (24/case)
C Ultra-Myossage™ Lotion	
4262	1 Gallon (3.8 liter) Bottle
D Myossage™ Lotion	
4210	1 Gallon (3.8 liter) Bottle
E Nylatex Assortment (1 pack of 9 rolls)	
1200	Nylatex Assortment
E Nylatex Individual (3 rolls per package)	
1202	*2.5" x 18" (6 cm x 46 cm)
1264	2.5" x 24" (6 cm x 61 cm)
1204	*2.5" x 36" (6 cm x 91 cm)
1206	*2.5" x 48" (6 cm x 122 cm)
1208	*4" x 18" (10 cm x 46 cm)
1210	*4" x 36" (10 cm x 91 cm)
1212	*4" x 48" (10 cm x 122 cm)
1213	4" x 56" (10 cm x 152 cm)
1214	*6" x 18" (15 cm x 46 cm)
1216	*6" x 36" (15 cm x 91 cm)
1218	*6" x 48" (15 cm x 122 cm)
1219	6" x 56" (15 cm x 152 cm)

* Included in Nylatex Assortment Pack (1200)

Ordering Information

Item# Description

DURA-STICK™ Premium Self-Adhesive Electrodes

42170	Dura-Stick Premium 1.25" Round
42171	Dura-Stick Premium 2" Round
42172	Dura-Stick Premium 1.5" x 2.5" Oval
42173	Dura-Stick Premium 3" x 5" Oval (20/case) (10 packs of 2)
42174	Dura-Stick Premium 2" Square
42175	Dura-Stick Premium 2" x 3.5" Rectangle
42176	Dura-Stick Premium 2" Square Blue Gel
42177	Dura-Stick Premium 1.5" x 3.5" Rectangle Blue Gel

DURA-STICK Self-Adhesive Electrodes

42160	Dura-Stick 2" x 4" Oval
42178	Dura-Stick 2" Square
42179	Dura-Stick 2" x 3.5" Rectangle

Note: all quantities are 10 packs of 4 each,
40 per case, unless otherwise stated

Dura-Stick™ Premium Self-Adhesive Electrodes



Features

Dura-Stick™ Premium Self-Adhesive Electrodes

- 10 packs of 4 each, 40/case unless otherwise noted
- Cloth Backing
- Stainless steel mesh
- Choice wire and molded connectors
- Provides current dispersion with low impedance

Dura-Stick™ Self-Adhesive Electrodes



Features

Dura-Stick™ Self-Adhesive Electrodes

- 10 packs of 4 each, 40/case
- Carbon silver film layer incorporated into a low profile design
- Cloth backing for increased "stretchability"
- Innovative polymer designed to help improved adhesion and durability

Please read complete instructions for use found on electrode packaging prior to use.

Dura-Stick™ Plus Self-Adhesive Electrodes



Features

Dura-Stick™ Plus Self-Adhesive Electrodes

- 10 packs of 4 each, 40/case
- Our most economical electrode.
- Permagem™ Hydrogel for conformability to body contours
- Blue foam backing
- Carbon conductive film incorporated into a flexible spun lace backing
- Flexible and sturdy design for durability and ease of use

Dura-Stick™ Disposable Electrodes



Features

Dura-Stick™ Disposable Electrodes

- 40/Package
- Multi-day™ electrode for extended use
- May be used for 2-5 days
- Solid gel center surrounded by adhesive
- Beige mesh backing, looks like a bandage
- Dispose of when finished

Please read complete instructions for use found on electrode packaging prior to use.

Ordering Information

Item#	Description
Dura-Stick™ Plus Self-Adhesive Electrodes	
42045	Dura-Stick Plus 2.75" x 5" Rectangle
42159	Dura-Stick Plus 1.5" x 2.5" Oval
42181	Dura-Stick Plus 2" x 3.5" Rectangle
42182	Dura-Stick Plus 2" Round
42183	Dura-Stick Plus 2" Square
42160	Dura-Stick Plus 2" x 4" Oval
DURA-STICK Disposable Electrodes	
42180	Dura-Stick 2.25" x 2.5" Disposable 40/Package

Note: all quantities are 10 packs of 4 each,
40 per case, unless otherwise stated

Ordering Information	
Item#	Description

Conductive Rubber Electrodes	
72852	Black Rubber Carbon 3" (8 cm) Round (2X)
72853	Red Rubber Carbon 3" (8 cm) Round (2X)

Conductive Rubber Electrodes



Features

Conductive Rubber Electrodes

- Conductive rubber electrodes
- 3" (8 cm) round
- Available in black or red

NOTES



MOTION IS ⁺MEDICINE



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